

**REPORT
ON
FUELING AREA SITE ASSESSMENT**

Prepared for

BUCKLEY AIR NATIONAL GUARD BASE

AURORA, COLORADO



Prepared by

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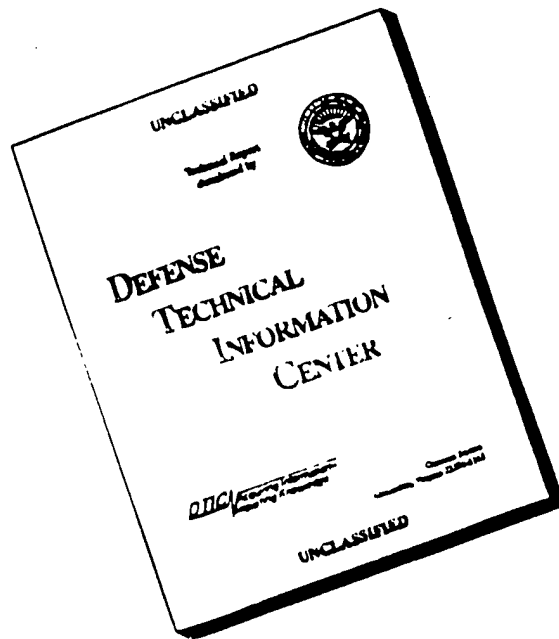
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LIST OF ACRONYMS

ANG	Air National Guard
ANGRC	Air National Guard Readiness Center
ATHA	Ambient Temperature Headspace Analysis
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
CDPHE	Colorado Department of Public Health and Environment
CHRIS	Chemical Hazard Response Information System
cu.	cubic
EPA	Environmental Protection Agency
F	Fahrenheit
ft.	feet
GC	Gas Chromatograph
HWT	HazWaste Technologies®
ID	Identification
I.D.	Inside Diameter
IDW	Investigation Derived Waste
JP-4	Jet Fuel
LCS	Laboratory Control Samples
MCL	Maximum Contaminant Level
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
ml	milliliter
MS	Matrix Spike
MSD	Matrix Spike Duplicate
MSL	Mean Sea Level
ND	Not Detected
NOAA	National Oceanic and Atmospheric Administration
PID	Photoionization Detector
PPE	Personal Protective Equipment
ppm	parts per million
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RAC	Remedial Action Category
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
RSD	Relative Standard Deviation
TCLP	Toxicity Characteristic Leachate Procedure
TVPH	Total Volatile Petroleum Hydrocarbons
TPH	Total Petroleum Hydrocarbons
µg/l	micrograms per liter
µg/kg	micrograms per kilogram

LIST OF ACRONYMS (CONTINUED)

USDA
VOA
VOC
yd.

United States Department of Agriculture
Volatile Organic Analysis
Volatile Organic Compound
yard

EXECUTIVE SUMMARY

Introduction

This report provides results of a Site Assessment performed at the Fuel Storage Area at Buckley ANG Base in Aurora, Colorado. Buckley ANG Base occupies 3,328 acres of land within the City of Aurora in Arapahoe County, Colorado. The Fuel Storage Area (also known as the Fueling Area) is located on the west side of the Base at the intersection of South Powderhorn Street and East Breckenridge Avenue. The Fueling Area consists of above ground storage tanks in a bermed area, pumps, piping, valves, an unloading stand and a fill stand. Jet fuel from the Fueling Area is used to support aircraft operations at the Base. Jet fuel is stored in two 200,000 gallon above ground storage tanks. Fuel is received in tanker trucks at the unloading stand located south and east of the storage tanks. Fuel required for aircraft fueling and other use is transferred into tanker trucks at the fill stand and transported to various points on the Base. The Fuel Storage Area has been in operation for over 20 years and handles approximately 7 million gallons of jet fuel annually.

Approximately 1600 gallons of jet fuel (JP-4) was spilled during transfer into a tanker truck at the fill stand on November 3, 1994. Personnel at the Fueling Area with knowledge of the spill were interviewed prior to preparation of a Work Plan to conduct a Site Assessment of the area affected by the spill. According to these personnel, an area of approximately 85 ft. by 35 ft. west of the fill stand was affected by the spill. (A buffer zone of 5 feet was added to this area for the Site Assessment). The spill was reported by Buckley ANG Base personnel to the National Response Center, the Colorado Department of Public Health and Environment (CDPHE), and the U.S. Environmental Protection Agency (EPA), Region VIII.

A Work Plan was prepared by HazWaste Technologies® (HWT) on August 30, 1995, detailing the activities to be followed in conducting the Site Assessment. The objective of the Site Assessment was to determine the horizontal and vertical extent of soil contamination at the Fueling Area. The Work Plan was submitted to the CDPHE.

HWT performed subsurface soil sampling at the site in accordance with the Work Plan on December 13 and 14, 1995. Twenty one (21) locations were sampled in the Fueling Area using a Geoprobe®. Samples were taken at four depth intervals at each location (0-2 feet, 4-6 feet, 9-11 feet, and 14-16 feet). Ambient Temperature Headspace Analysis (ATHA) was performed on site using a Photoionization Detector (PID). Based on ATHA, 29 samples were selected for laboratory analysis. Samples were analyzed for Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX), Total Volatile Petroleum Hydrocarbons (TVPH), and Volatile Organic Compounds.

Records from the Colorado State Engineer's Office show that groundwater in the area of the site lies at a depth of 40 to 60 feet. There are no wells within a radius of one half mile used for drinking water. Remedial Action Category III (RAC III) cleanup standards apply to this site. RAC III standards are described in the CDPHE document entitled "Storage Tank Facility Owner/Operator Guidance Documents." RAC III cleanup standards are 100 mg/kg for BTEX and 500 mg/kg for TVPH.

Findings

Results of laboratory analysis show BTEX concentrations to be below the RAC III standard of 100 mg/kg for all locations. However, concentrations exceeding the RAC III standard of 500 mg/kg TVPH were detected at six locations at depth intervals of 0 to 2 feet and 4 to 6 feet. TVPH concentrations exceeding RAC III standards ranged from 605 mg/kg to 1640 mg/kg.

Conclusions and Recommendations

The locations that exceed the RAC III standard encompass an irregularly shaped area measuring approximately 60 feet by 50 feet west of the fill stand with a total surface area of 1400 ft². Using a depth of 8 feet this results in a volume of 420 yd³ of contaminated soil.

There does not appear to be any immediate or grave threat to groundwater since the depth of contaminated soil does not appear to exceed eight (8) feet and the depth to groundwater at the site is approximately forty (40) feet. Consequently, groundwater monitoring wells were not installed and are not required at this time.

It is recommended that the contaminated soil be excavated and landfarmed in a suitable area at Buckley ANG Base or sent to off-site disposal. If buried utilities pose a problem to excavation, bio-remediation may be an alternative.

SECTION 1.0 INTRODUCTION

1.1 BACKGROUND

This report provides results of a Site Assessment performed at the Fuel Storage Area at Buckley ANG Base in Aurora, Colorado. Buckley ANG Base occupies 3,328 acres of land within the City of Aurora in Arapahoe County, Colorado. The Fuel Storage Area (also known as the Fueling Area) is located on the west side of the Base at the intersection of South Powderhorn Street and East Breckenridge Avenue. The Fueling Area consists of above ground storage tanks in a bermed area, pumps, piping, valves, an unloading stand and a fill stand. Jet fuel from the Fueling Area is used to support aircraft operations at the Base. Jet fuel is stored in two 200,000 gallon above ground storage tanks. Fuel is received in tanker trucks at the unloading stand located south and east of the storage tanks. Fuel required for aircraft fueling and other use is transferred into tanker trucks at the fill stand located north and east of the storage tanks and transported to various points on the Base. The Fuel Storage Area has been in operation for over 20 years and handles approximately 7 million gallons of jet fuel annually.

Approximately 1600 gallons of jet fuel (JP-4) was spilled during transfer into a tanker truck at the fill stand on November 3, 1994. Personnel at the Fueling Area with knowledge of the spill were interviewed prior to preparation of a Work Plan. According to these personnel, an area of approximately 85 feet by 35 feet west of the fill stand was affected by the spill. (A buffer zone of 5 feet was added to this area for the Site Assessment). The spill was reported by Buckley ANG Base personnel to the National Response Center, the Colorado Department of Public Health and Environment (CDPHE), and Environmental Protection Agency (EPA), Region VIII on November 4, 1994.

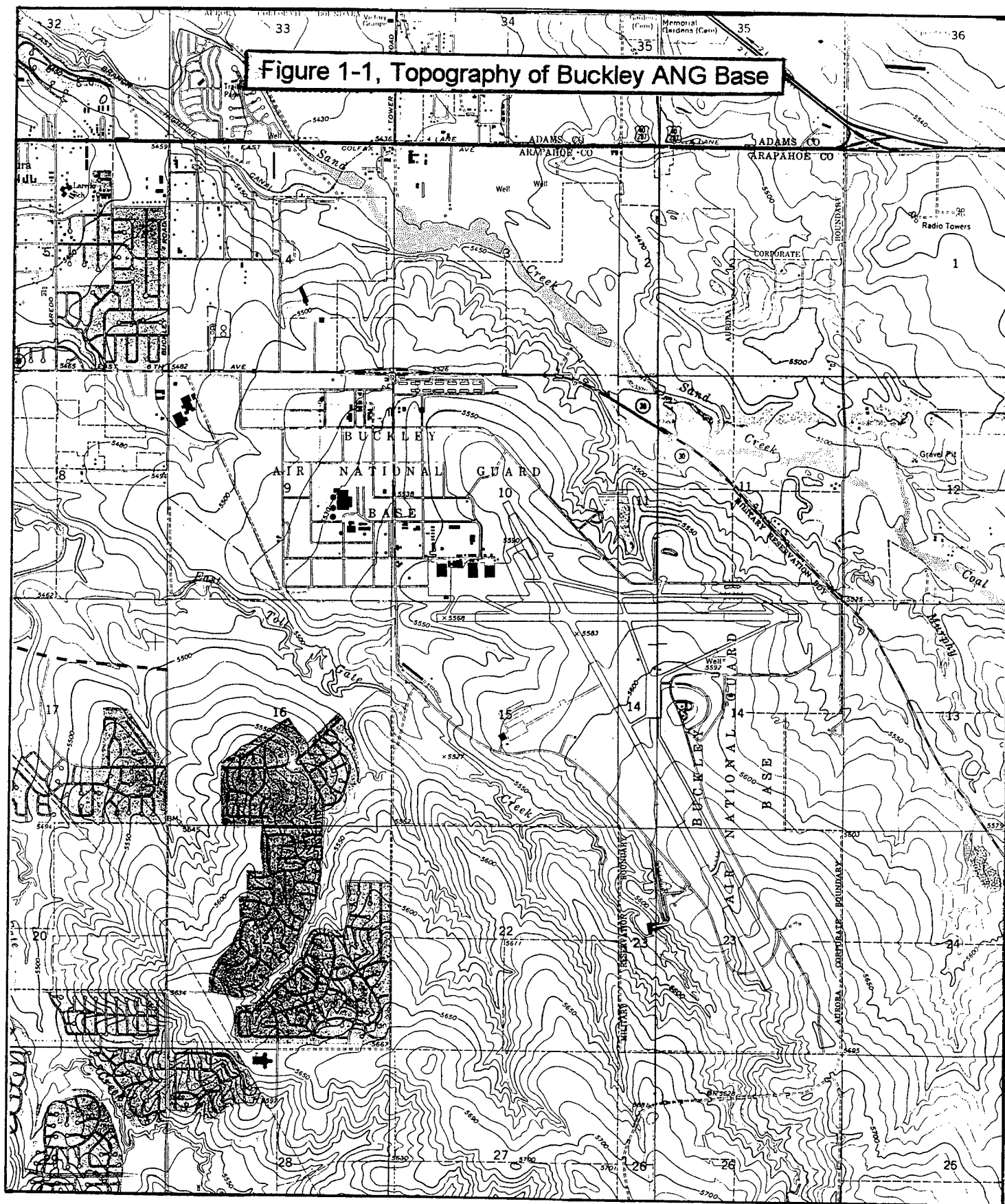
A Work Plan was prepared by HazWaste Technologies® (HWT) on August 30, 1995, detailing the activities to be followed in conducting the Site Assessment. The objective of the Site Assessment was to determine the horizontal and vertical extent of soil contamination at the Fueling Area. The Work Plan was submitted to the CDPHE.

HWT performed subsurface soil sampling at the site in accordance with the Work Plan on December 13 and 14, 1995. This report describes the investigated area environmental setting, site assessment activities, site assessment results, cleanup criteria and conclusions and recommendations.

1.2 ENVIRONMENTAL SETTING

The location of Buckley ANG Base and topography of the area are shown in Figure 1-1.

Figure 1-1, Topography of Buckley ANG Base



USGS Topographic Map
Fitzsimons Quadrangle
and Coal Creek Quadrangle

UTM GRID AND 1980 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

1.2.1 Meteorology

Buckley ANG Base is located in the Denver Metropolitan Area. This area exhibits a semi-arid climate with infrequent temperature extremes. Normal temperatures range from the low teens in winter to the high nineties in summer. The area receives an average of 15.4 inches of precipitation per year. The highest rates of precipitation occur in the month of May which averages 2.4 inches of precipitation. This information was taken from local meteorological and climatological data compiled by NOAA in 1994.

1.2.2 Surface Hydrology

Surface water drainage for the Base is shown in Figure 1-2. Surface water drainage at the Fueling Area is to the northeast. This information was obtained from the document entitled "Buckley ANG Base Master Plan" prepared by Higginbotham and Associates, dated May 1988.

1.2.3 Soils

Soil types in the vicinity of the Base are shown in Figure 1-3. Soil types identified in this figure are described below:

Alluvial land-Nunn: Deep, nearly level, mainly loamy and sandy soils.

Fondis-Weld: Deep, nearly level, loamy soils, clayey subsoils.

Nunn-Bresser-Ascalon: Deep, nearly level, loamy soils, loamy to clayey subsoils.

Renohil-Buick-Little: Sloping to steep, loamy soils, loamy to clayey subsoils.

Truckton-Bresser: Deep rolling, loamy and sandy soils, loamy subsoils.

This information was taken from the United States Department of Agriculture (USDA) document entitled "Soil Survey of Arapahoe County, Colorado" dated March 1971.

Lithology of soils in the Fueling Area was recorded during sampling activities. Soil core logs were prepared for each sampling location and are included in Appendix D.

1.2.4 Geology and Hydrogeology

Depth to groundwater ranges from forty (40) to sixty (60) feet in the vicinity of the Fueling Area. Groundwater in the area generally flows to the northwest. A review of 1995 well permit information obtained by the Colorado State Engineer's Office showed that there are no wells being used for drinking water within a one half mile radius of the site. Buckley ANG Base and the surrounding area obtains drinking water from the City of Aurora.

Figure 1-2
Surface Drainage at Buckley ANG Base

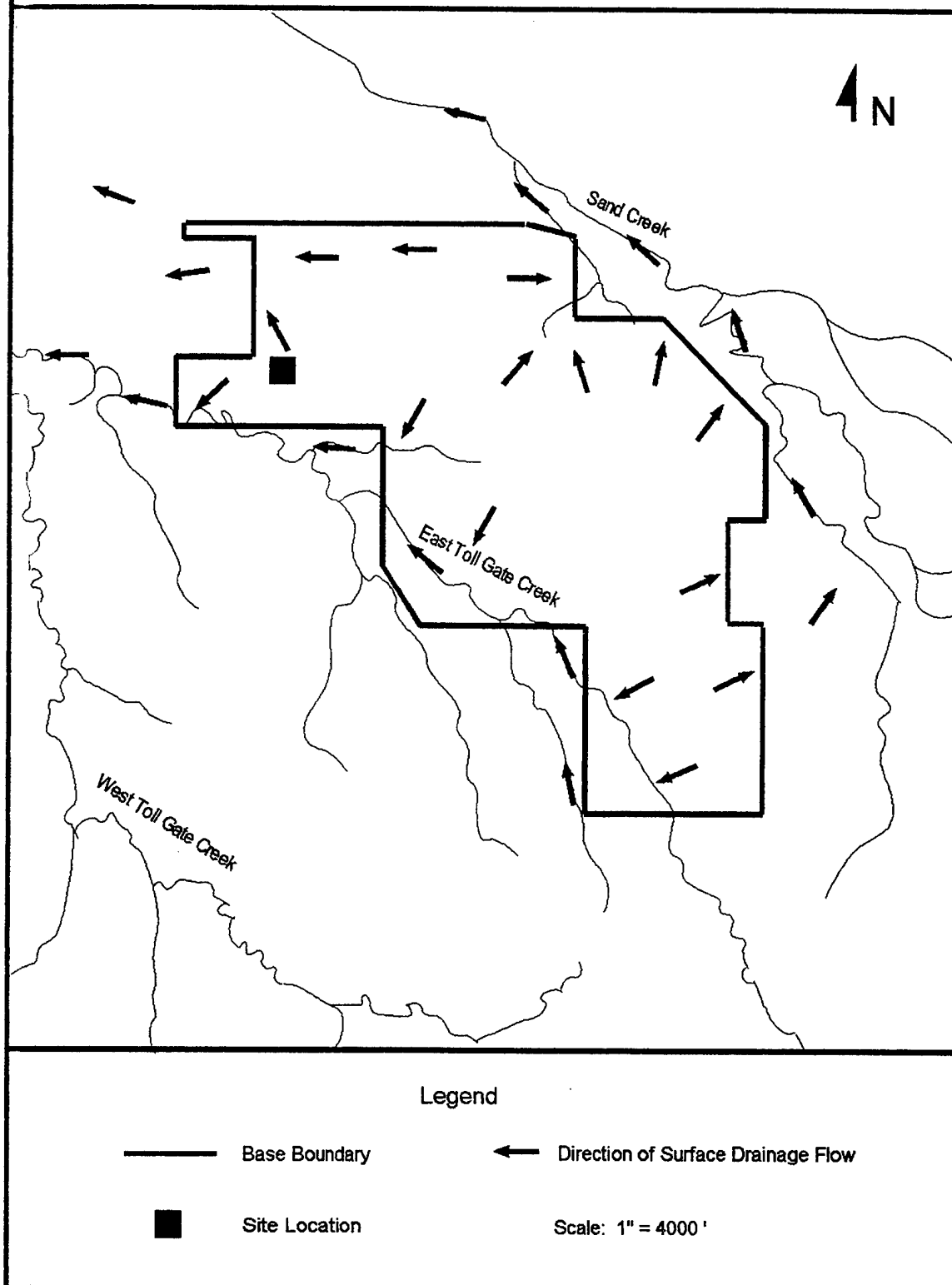
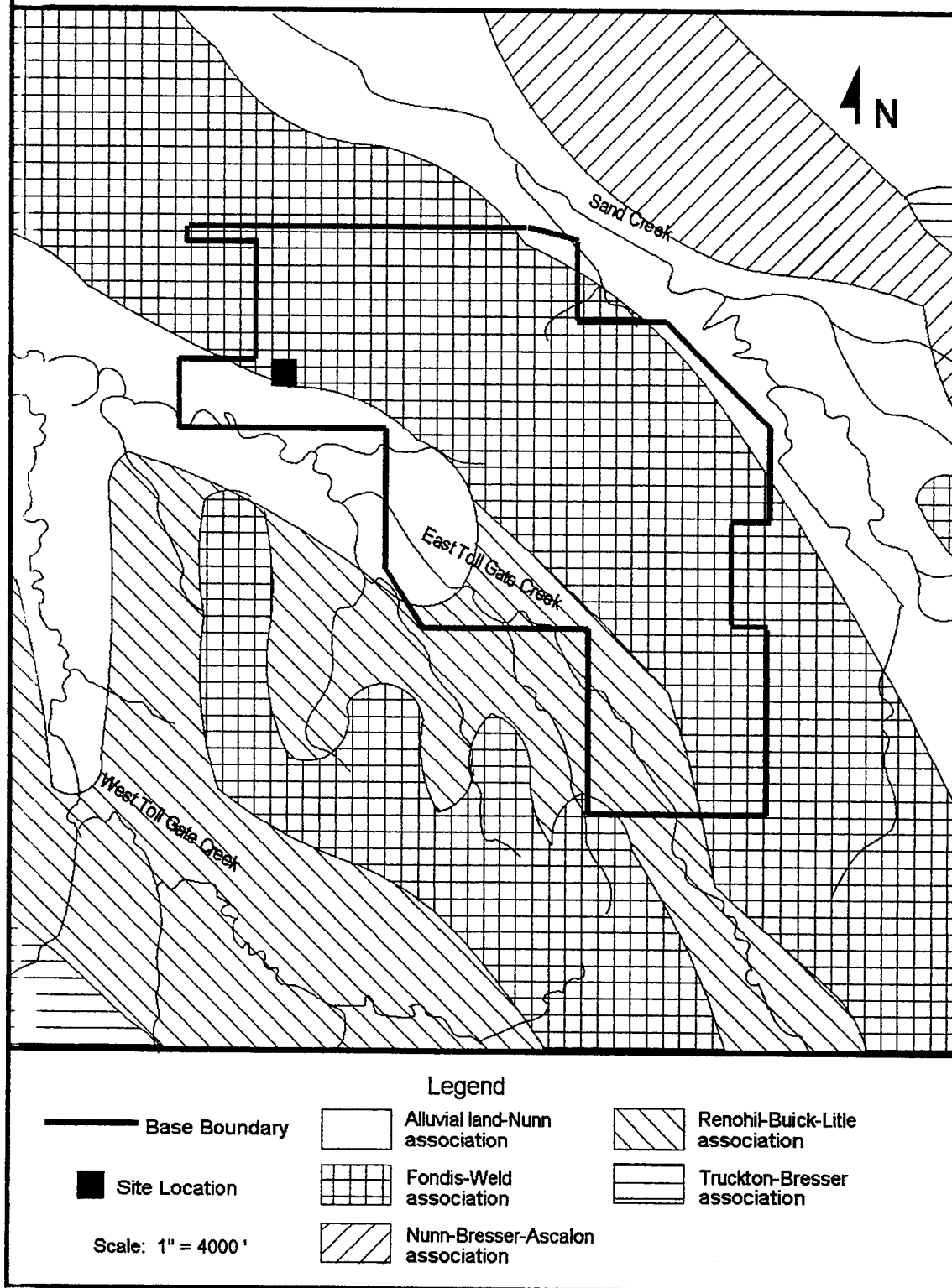


Figure 1-3
Soil Types at Buckley ANG Base



Buckley ANG Base is located in the Denver Basin. The Denver Basin lies on the Colorado Piedmont section of the great plains physiographic province. The geology of this area consists of sedimentary formations including sandstones, siltstones, claystones, shale, conglomerates and coals. This information was obtained from the documents entitled "Buckley ANG Base Master Plan" prepared by Higginbotham and Associates, dated May 1988 and "Work Plan for Former Warehouse Area Site Investigation" prepared by Stone & Webster, dated June 28, 1996. Geology of the area is shown in Figure 1-4. A generalized stratigraphic column describing geologic formations in the area is shown in Figure 1-5. Geology in the general area of Buckley ANG Base consists of silt and silty sand, underlain by sand, sandy gravel and shale. Sand and sandy gravel are found at a depth of about ten (10) feet. Shale is found at a depth of fifty (50) feet.

1.3 SITE DESCRIPTION

1.3.1 Location

Buckley ANG Base occupies 3,328 acres of land within the City of Aurora in Arapahoe County, Colorado. The Fuel Storage Area is located on the west side of the Base at the intersection of South Powderhorn Street and East Breckenridge Avenue as shown in Figure 1-6. Jet Fuel is stored in two above ground storage tanks of 200,000 gallon capacity. Fuel from the storage tanks is transferred to tanker trucks using the fill stand located north of the storage tanks. Fuel is received from tanker trucks and unloaded into the above ground storage tanks using the unloading stand located south of the storage tanks. Fuel is transferred through underground fuel lines. The spill occurred during filling operations at the fill stand shown in Figure 1-7. This figure also shows the estimated area of contamination that includes a five (5) foot buffer zone. The estimated area of contamination was determined from conversations with personnel at the Fueling Area who had knowledge of the fuel spill. The area immediately west of the fill stand slopes westward into a ditch. The ditch heads in a northerly direction and drains into a storm water drain north of the Fueling Area. There is a manual gate approximately twenty (20) feet from the north end of the fill stand located on the ditch that can be lowered to intercept rainwater or spilled fuel and thus prevent it from entering the storm water drain. There is an asphalt road along the fill stand on the east side.

1.3.2 ADJACENT PROPERTIES

The land west and south of Buckley ANG Base consists of residential housing developments with some light industrial areas.

Figure 1-4
Surface Geology at Buckley ANG Base

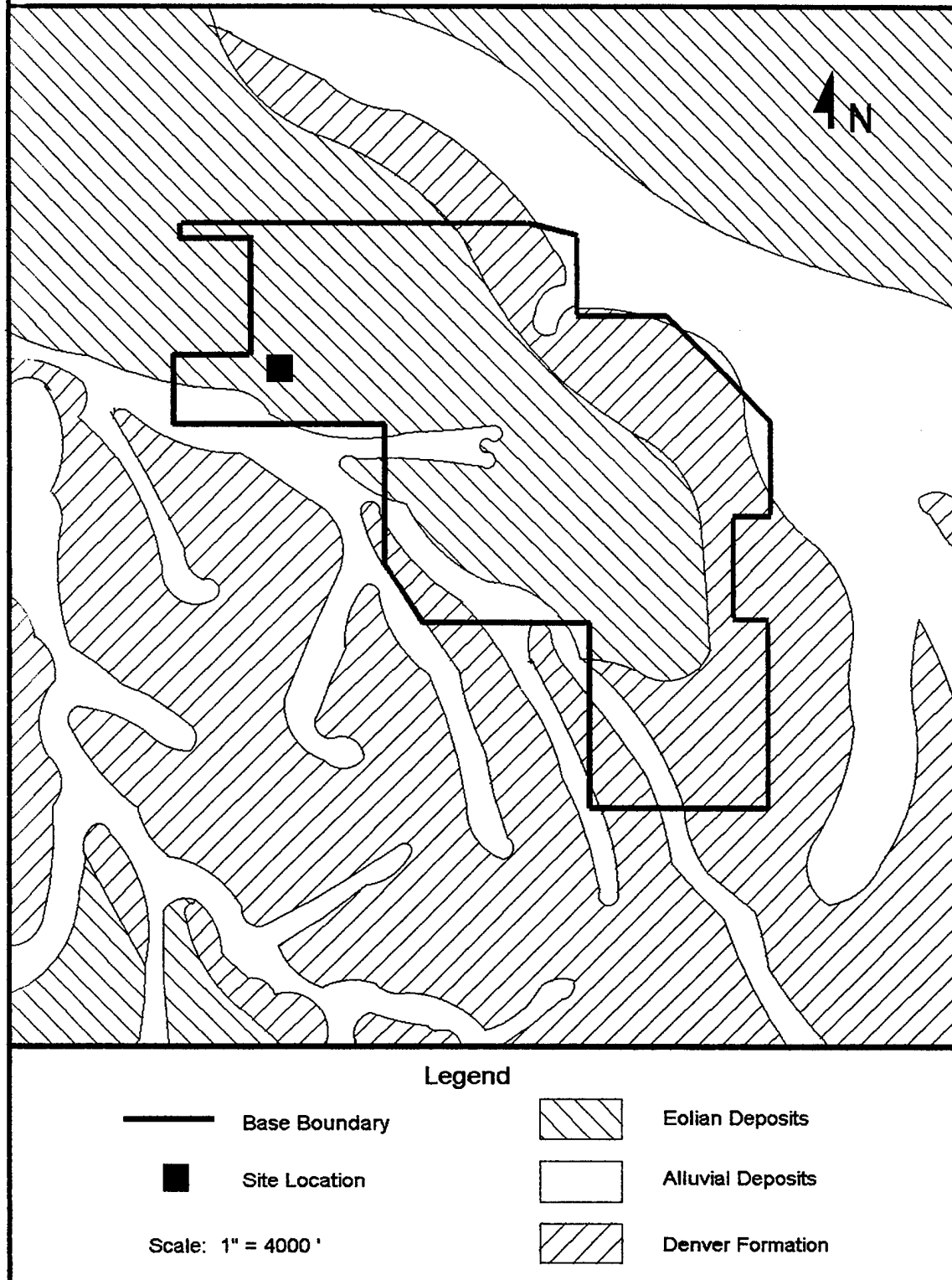


Figure 1-5
Generalized Stratigraphic Column
Buckley ANG Base

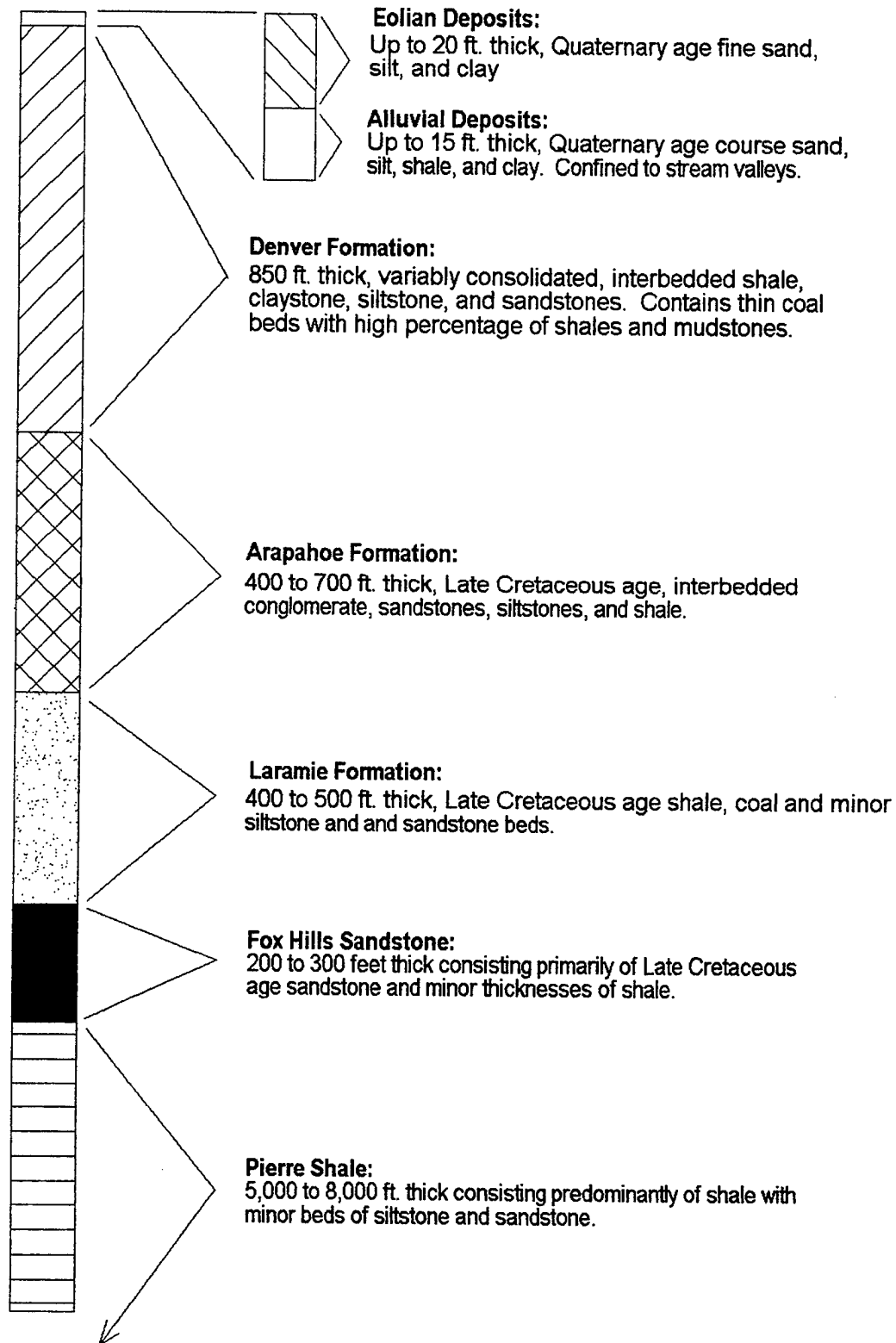
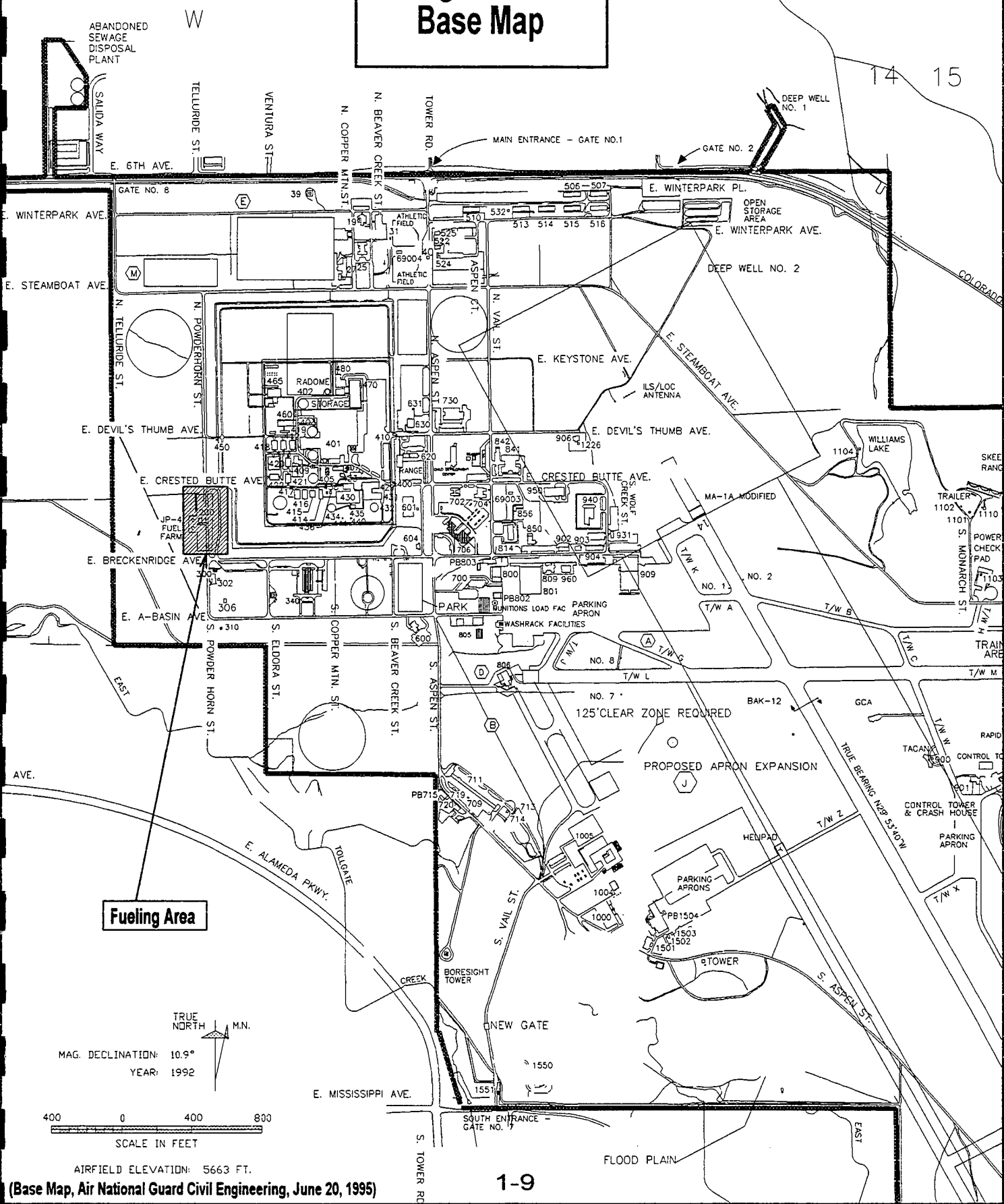


Figure 1-6 Base Map



**Figure 1-7
Site Plan**



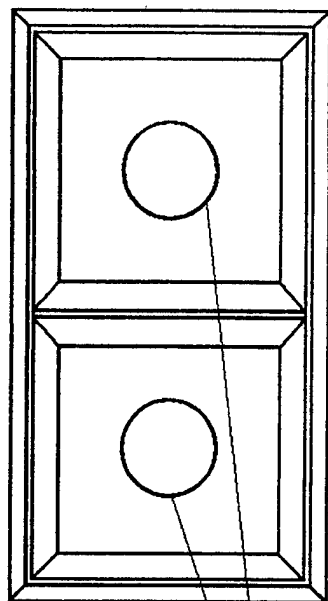
Background Soil Core
Location

Initial Estimated Area
of Contamination

Asphalt Road

Fill Stand

Drainage Ditch



Pump
House

Fuel Storage Tanks

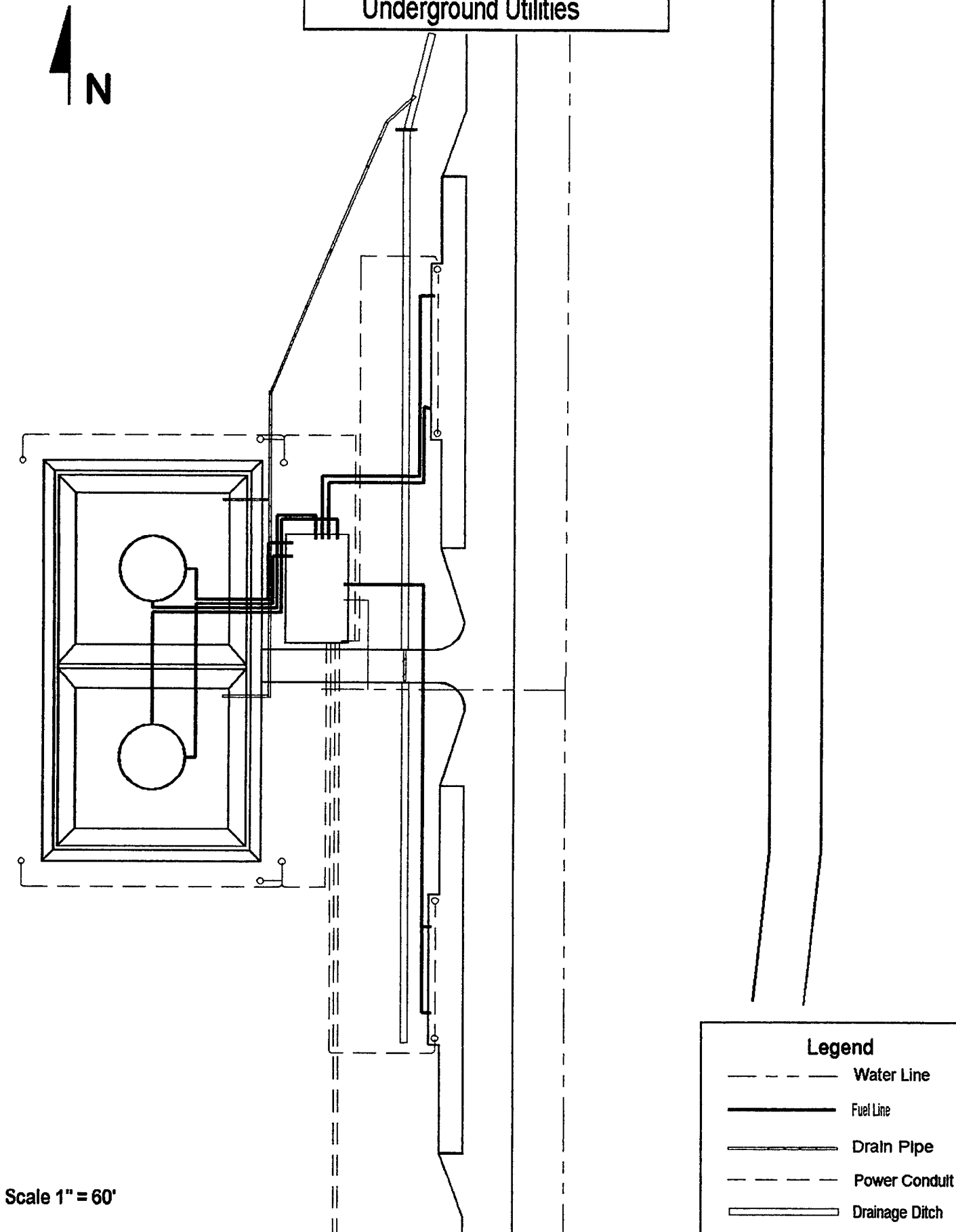
Unloading Stand

Scale 1" = 60'

1.3.3 UTILITY CORRIDORS

Underground utilities at the Fueling Area include stormwater drains, electrical conduit, fuel lines, cathodic protection lines, and water lines. Location of these utilities is shown in Figure 1-8.

Figure 1-8
Underground Utilities



SECTION 2.0 SITE ASSESSMENT ACTIVITIES

2.1 SUMMARY OF FIELD WORK

Twenty one (21) locations were sampled in the Fueling Area using a Geoprobe®. Sampling locations are shown in Figure 2-1. Soil samples were taken from four depth intervals at each location (0 to 2 feet, 4 to 6 feet, 9 to 11 feet, and 14 to 16 feet). An Ambient Temperature Headspace Analysis (ATHA) was used as a screening method to select samples to be sent for laboratory analysis. A total of twenty nine (29) samples were analyzed at the laboratory. No groundwater was encountered during sampling activities as the depth to groundwater in the area is approximately forty (40) feet. Consequently, piezometers and groundwater monitoring wells were not installed at the site. Investigation Derived Waste (IDW) was collected in a designated drum. A representative sample from this drum was sent for laboratory analysis.

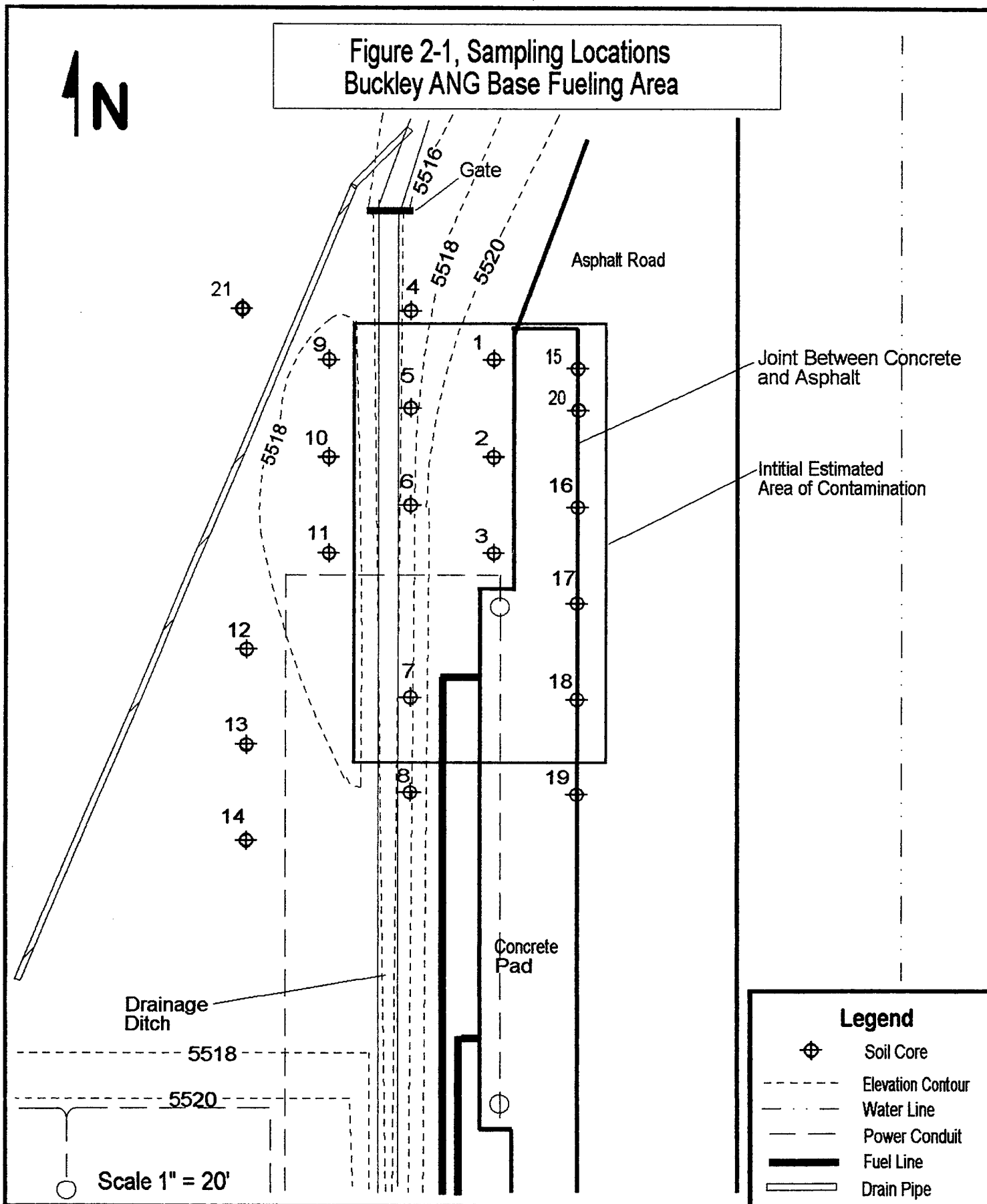
2.2 FIELD ACTIVITIES

2.2.1 Preparatory Activities

In preparation to performing field work in the Fueling Area, a digging permit showing proposed sampling locations on civil, electrical, piping/drainage and utility drawings was submitted to the Civil Engineering Office at Buckley ANG Base. The purpose of the digging permit was to ensure that no underground lines were damaged during soil core sampling. Proposed locations found to be situated too close to underground utilities were moved approximately five (5) feet from the originally designated location. The locations of the sampling points were then marked at the Fueling Area site using stakes with location ID numbers.

2.2.2 Soil Core Sampling and ATHA Methodology

Soil core samples were obtained at four (4) depth intervals at each sampling location using a Geoprobe®. Soil sampling probes consisted of four (4) foot lengths of 3/4" I.D. hollow steel pipe. A large-bore hollow tube sampler was attached to the end of the probes to collect the soil sample. A smaller diameter rod with a drive tip fits inside the tube sampler. The tube sampler consisted of a sample tube with an acetate sleeve inside. The probes were hydraulically pushed to the desired depth and the drive tip was loosened. The sample apparatus was then pushed two (2) feet into the soil causing the sleeve to become packed with soil. The depth intervals at which samples were collected were 0-2 feet, 4-6 feet, 9-11 feet and 14-16 feet. Twenty one (21) locations were sampled. All sampling equipment was carefully decontaminated prior to obtaining each sample. Decontamination consisted of washing with laboratory grade detergent and cleaning with a brush, rinsing with de-ionized water and



rinsing with laboratory grade methanol. Once the sample was collected at the desired depth, a six inch section of the acetate sleeve with the sample was carefully cut, sealed at both ends with laboratory grade Parafilm®, marked with sample ID and date and wrapped with aluminum foil with the shiny side out. The sample ID, Project Name and date were again marked on the foil before the sample was placed in a cooler packed with ice. Another six inch section was then cut from the remaining length of soil in the acetate sleeve for use in ATHA.

A PID was used for screening soil samples using an ATHA. The sample from the acetate sleeve was first transferred into a sealable plastic bag. The bag was sealed and placed in a location where the ambient temperature exceeded sixty (60) degrees F. After a fifteen (15) minute period, a headspace reading was obtained from the vapor space in the plastic bag using a Minirae® (Rae Systems Inc.) PID.

Four soil samples were collected from each location. In accordance with the Work Plan, two samples showing the highest PID readings from the ATHA were selected for laboratory analysis. However, only one sample was sent for analysis in locations where only one sample showed discernible readings during the ATHA. A total of twenty nine (29) samples were analyzed. Following completion of all soil coring activities, the site was restored as closely as possible to its pre-investigation condition. Excess soil core samples, soil from ATHA, PPE and rinsate water used for decontamination were placed in a drum designated for IDW. The disposal of IDW was not included in the scope of work. The Environmental Management Office at the Base will be responsible for disposal of this material. HazWaste Technologies® provided analytical data and a determination on whether the material is hazardous waste.

Soil core logs were prepared for each location using observations made during sampling. The logs are included in Appendix D. No groundwater was encountered during sampling activities. While the original information included in the work plan stated that groundwater depths were approximately fifteen (15) feet below the surface, data subsequently obtained from the State Engineer's Office showed groundwater depth to be greater than forty (40) feet below the surface. Since no groundwater was encountered, piezometers and monitoring wells were not installed.

2.2.3 Sample Handling and Analysis

All samples were marked with Sample ID No. and placed in a cooler packed with ice. Coolers were kept within visual contact of HWT employees during the time work was being performed on site. To maintain a record of sample collection, transfer between sample custodians, shipment and receipt by the laboratory, a chain-of-custody record was prepared for samples showing Sample ID No., date, Project ID, Sampler Name and signature and types of analysis required. Each

time the samples were transferred, the signatures of the person relinquishing and receiving the samples, as well as the date and time of transfer, were documented. Samples were hand delivered to the laboratory. Samples were transported to the home office each day and stored in a locked refrigerator until they were hand delivered by HWT personnel to the laboratory. Upon receipt at the laboratory, the receiver completed the transfer by dating and signing the chain-of-custody record. The chain-of-custody record is included in Appendix G. In accordance with the Work Plan, BTEX, TVPH (gasoline range organics), and Volatile Organic Analysis were conducted on all soil core samples. The number of samples collected and analyzed and the types of analysis performed is summarized in Table 2-1.

2.2.4 Background Soil Sample

A background sample was collected from a location north and east of the spill area (shown in Figure 1-8). This sample was taken at the 0-2 feet depth interval. Samples were not taken from other depth intervals at this location because only one sample was required to determine the degree of background contamination.

2.3 INVESTIGATION DERIVED WASTES

2.3.1 Sampling and Analysis

Excess soil core samples, soil from ATHA, PPE and rinsate water used for decontamination were placed in a drum designated for IDW. A representative sample from this drum was taken and sent for laboratory analysis. Results of analysis shows toluene at a concentration of 1.95 µg/kg and xylenes at a concentration of 2.4 µg/kg. Benzene and ethylbenzene were not found above the detection limit of 1 µg/kg. The drum of IDW was sealed and later moved to a designated storage area at the Base pending transport to disposal.

2.3.2 Disposal

The concentration of benzene in the drum of IDW is well below the RCRA limit of 500 µg/l for toxic hazardous waste. Consequently, the IDW is considered non hazardous waste and may be disposed of in an industrial landfill.

Table 2-1, Soil Sample Analyses

Location No	No. of Samples Collected	No. of Samples Monitored using PID	No. of Samples Analyzed at Lab.	Laboratory Analyses Performed (SW-846 Method)
1	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
2	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
3	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
4	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
5	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
6	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
7	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
8	4	4	0	N/A
9	4	4	1	TPH (8015 M), BTEX (8020), VOA (8240)
10	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
11	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
12	4	4	0	N/A
13	4	4	0	N/A
14	4	4	0	N/A
15	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
16	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
17	4	4	1	TPH (8015 M), BTEX (8020), VOA (8240)
18	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
19	4	4	1	TPH (8015 M), BTEX (8020), VOA (8240)
20	4	4	2	TPH (8015 M), BTEX (8020), VOA (8240)
21	4	4	0	N/A
Background.	1	1	1	TPH (8015 M), BTEX (8020), VOA (8240)

2.4 DEVIATION FROM WORK PLAN

Separate sampling locations for soil gas sampling and soil core sampling were originally proposed in the Work Plan. Because the area of contamination was well defined, it was decided to integrate the soil gas survey with the soil core sampling using the same locations. ATHA of soil core samples from each depth interval was performed for each sampling location. The form used to document this deviation from the work plan is included in Appendix B.

SECTION 3.0 SITE ASSESSMENT FINDINGS

3.1 SUMMARY

Results of soil screening and laboratory analysis of selected samples show that contamination of soil exists west of the fill stand and is caused by TPH that exceeds the RAC III cleanup standard of 500 mg/kg. The approximate area of contamination is 1400 ft².

3.2 BACKGROUND SAMPLING RESULTS

Analysis of the background sample shows total BTEX concentration to be 0.007 mg/kg and TPH concentration to be 0.78 mg/kg.

3.3 SOIL CORE SAMPLING RESULTS

3.3.1 Screening Results

Results of screening of soil samples using ATHA are shown in Table 3-1. Several PID readings were higher than 2000 ppm as shown in this table. Generally, PID readings were higher at the 0 to 2 feet and 4 to 6 feet depth intervals. The highest PID readings were observed for location numbers 2 through 7.

3.3.2 Analytical Results

Results of analysis of soil samples for each location and depth are shown in Table 3-2. Samples were analyzed at the laboratory for TPH using SW-846 Method 8015 Modified, BTEX using SW-846 Method 8020, and VOA using SW-846 Method 8240. The highest concentration of contaminants was found at location No. 6 at a depth interval of 0-2 feet (1640 mg/kg TPH and 65.05 mg/kg BTEX). The contamination is predominantly caused by volatile petroleum hydrocarbons that exceed the RAC III cleanup standard of 500 mg/kg TPH described in the CDPHE "Storage Tank Owner/Operator Guidance Documents" dated April 15, 1994. None of the locations showed total BTEX concentration to exceed 100 mg/kg, the applicable RAC III standard for BTEX. The area of contamination exceeding the RAC III standard for TVPH is shown graphically in Figure 3-1, with a five (5) foot buffer zone along the perimeter of the contamination. However, the total BTEX concentration at location No. 20 exceeds 5 mg/kg, the level that determines if contamination is present. This location was therefore included. As can be seen from this figure, contamination extends to an average depth of approximately six (6) feet with a maximum depth being approximately eight (8) feet. Based on the perimeter of the contamination shown in Figure 3-1, the area affected is approximately 1400 ft². A maximum

Table 3-1
Results of Soil Screening
Average PID Readings (ppm)

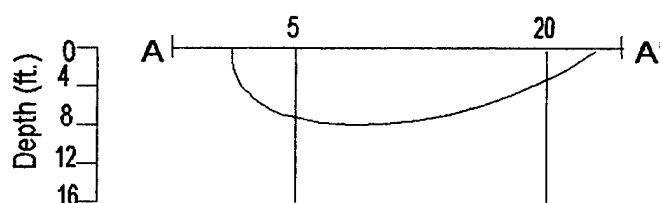
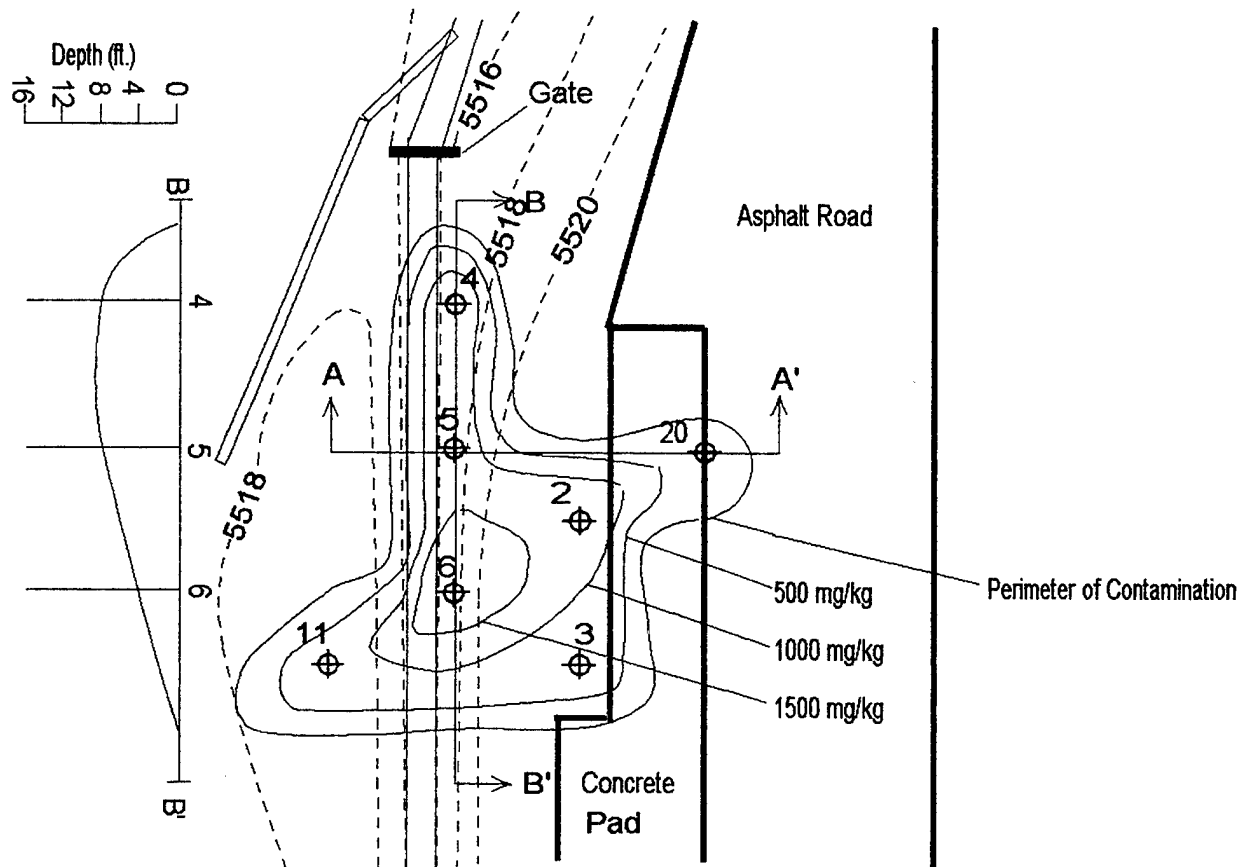
Location No.	Depth Interval (ft.)			
	0-2	4-6	9-11	14-16
1	400	5	1.5	4
2	>2000	40	11	1
3	>2000	40	7	5
4	1500	>2000	35	50
5	350	>2000	12	17
6	>2000	>2000	20	40
7	>2000	60	12	12
8	0	0	1.5	0.2
9	2.5	0.5	1.0	1.2
10	6	5	2.5	27
11	28	45	10	7
12	0.7	1.7	3	0.9
13	0.5	0.5	0.8	0.8
14	0.5	0.4	0.5	0.2
15	145	1.2	1.7	1.4
16	860	3.5	1.0	1.1
17	100	0.6	0.5	0.7
18	160	5	6	0.5
19	450	0.5	0.6	0.2
20	150	1.4	0.6	0.5
21	0.3	0.3	0.3	0.5

**Table 3-2
Results of Analysis**

Location No.	End of Depth Interval (ft.)	TPH (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
1	2	3.1	0.2	0.029
1	6	ND	ND	ND
2	2	1140	63.5	2.190
2	6	0.28	0.02	0.001
3	2	985	18.6	0.613
3	6	0.2	0.02	0.001
4	2	1080	28.3	0.635
4	6	620	25.2	0.614
5	2	5.5	0.21	ND
5	6	1300	85.2	2.530
6	2	1640	65.05	1.660
6	6	0.15	0.03	0.007
7	2	0.44	0.03	0.002
7	6	0.39	0.03	0.004
9	2	0.26	0.04	0.002
10	2	0.12	0.01	ND
10	16	ND	0.003	ND
11	2	0.11	0.009	ND
11	6	605	18.1	0.885
15	2	0.17	0.01	0.002
15	11	0.11	0.004	ND
16	2	0.38	0.05	0.002
16	6	0.17	0.005	ND
17	2	1.26	0.07	0.003
18	2	1.26	0.06	0.003
18	11	ND	ND	ND
19	2	1.11	0.1	0.003
20	2	170	7.23	0.875
20	6	0.11	ND	ND
Background	2	0.78	0.007	ND
RAC III Std.		500	100	N/A

ND: Not Detected

Figure 3-1, Extent of TPH Contamination
Buckley ANG Base Fueling Area

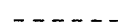


Scale 1" = 20'

Legend



Soil Core



Elevation Contour



Drain Pipe

depth of contamination of eight (8) feet results in a total volume of contaminated soil of approximately 420 yd³.

3.4 GEOLOGIC CONDITIONS

Geologic information for cross sections of the site (see Figure 3-1) is shown in Figure 3-2. Depths of contamination are also shown. Geological information was obtained from soil core logs taken during soil core sampling.

3.5 QUALITY ASSURANCE OF ANALYTICAL DATA

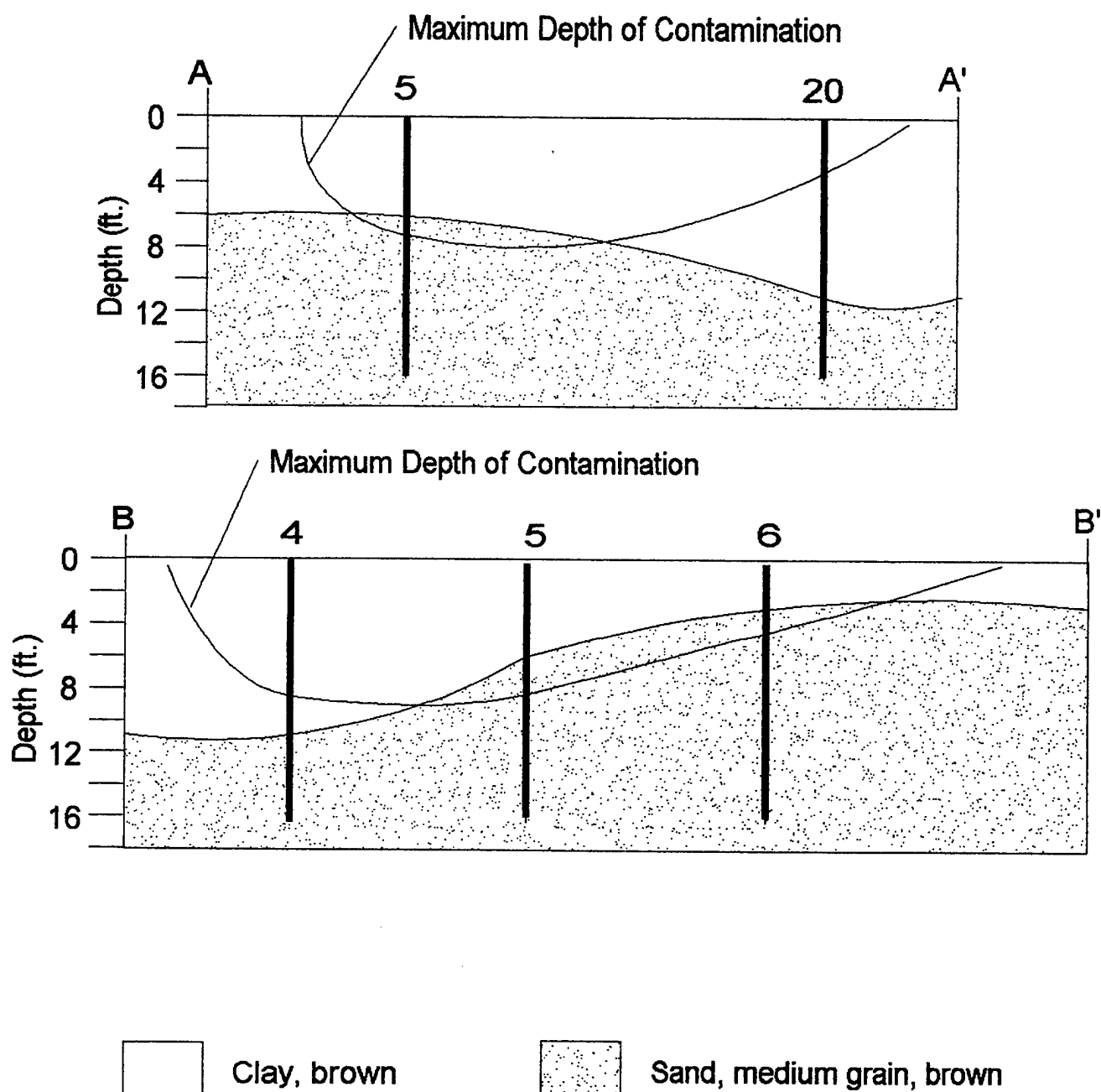
Three types of field Quality Control (QC) samples were sent for laboratory analysis. Namely, field blanks, equipment rinsate, and trip blanks. Two field blanks were taken of distilled water used for decontamination of sampling equipment. Three equipment rinsate samples were taken of distilled water that had been used for rinsing decontaminated sampling equipment to check the effectiveness of the decontamination process. Two trip blanks of distilled water accompanied soil core samples to the lab in the cooler.

Results of analysis of QC samples are shown in Appendix E. Results of analysis show traces of toluene and xylenes at the µg/l level for one of the field blanks. No other contaminants were detected for the field blanks. Results of analysis of the equipment rinsates show TPH concentrations of less than 0.25 mg/l. Since the range of interest for TPH and BTEX is >100 mg/kg, the concentrations of contaminants in the field blanks and equipment rinsates are well below levels that would be of concern.

Quality assurance (QA) was performed on all analytical data received from the laboratory. The laboratory report was checked to ensure that holding times were met, surrogate recoveries were within range, and reported results were within method detection limits. The results of the QC check are provided in Appendix E.

Five samples exceeded the holding time for VOA analysis. None of these samples exceeded the holding time by more than two days. Surrogate recoveries were outside the range of 70% to 130% for seven samples for various analyses. All samples with surrogate recoveries outside of this range were re-analyzed in accordance with laboratory QA/QC procedures. Surrogate recoveries were outside of this range due to matrix interference. All reported results met method detection limits.

Figure 3-2
Site Geologic Conditions



SECTION 4.0 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

4.1 STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Cleanup requirements for sites contaminated with spills from petroleum products in the State of Colorado are regulated by the CDPHE Hazardous Waste and Materials Management Division, Solid Waste Section. CDPHE Storage Tank Facility Owner/Operator Guidance Documents are required to be followed. These guidelines use three Remedial Action Categories (RAC's) depending on the nature of the contaminant and the use of groundwater that is in contact with contaminated soil. The RAC III cleanup requirement for soil at this site is 100 mg/kg BTEX and 500 mg/kg TPH.

In the event groundwater is contaminated with JP-4, groundwater cleanup standards found in Basic Standards for Groundwater, CDPHE Water Quality Control Commission, 3.11.0 (5-CCR-1002-8), are applicable.

4.2 DESCRIPTION OF REGULATED SUBSTANCE

4.2.1 Physical and Chemical Characteristics

Physical and chemical characteristics for JP-4 are found in the United States Coast Guard Chemical Hazardous Response Information System (CHRIS). A copy of the pages from CHRIS for JP-4 are provided in Appendix J. JP-4 contains very small amounts of benzene, ethylbenzene, toluene, and xylenes.

4.2.2 Toxicity

JP-4 is slightly toxic by ingestion. JP-4 may also cause irritation to the eyes, skin, and respiratory system.

4.2.3 Potential for Migration

Because JP-4 has a viscosity of less than water, it has a fairly high potential for migration in soil. JP-4 has a specific gravity of < 1 and will therefore float on groundwater.

4.2.4 Health Risks

Benzene is the constituent of JP-4 which poses the highest health risk. It is a known carcinogen and has been linked to various blood diseases. The concentration of benzene in JP-4 is appreciably lower than in gasoline.

4.3 SOIL

RAC III cleanup levels for soil are 100 mg/kg BTEX and 500 mg/kg TPH. Per the Storage Tank Facility Owner/Operator Guidance Documents, levels of 5 mg/kg total BTEX and 20 mg/kg TPH or background level, whichever is greater should be used in the assessment to determine the extent of contamination.

4.4 GROUNDWATER

Applicable State of Colorado groundwater standards are 5 µg/l for benzene, 1000 µg/l for toluene, 680 µg/l for ethylbenzene, and 10,000 µg/l for xylenes.

SECTION 5.0 CONCLUSIONS

The site assessment performed at the Fueling Area shows that:

1. Total BTEX concentrations are well below the RAC III cleanup standard of 100 mg/kg. However, the contaminated area exceeds the cleanup standard for TPH of 500 mg/kg.
2. Contamination is limited to a 1400 ft² area immediately west of the fill stand.
3. The maximum depth of contamination is eight (8) feet with an average depth of six (6) feet below the surface. Based on a maximum depth of eight (8) feet, a total volume 420 yd³ of soil is contaminated.
4. There does not appear to be any immediate, grave threat of groundwater contamination at this time. Consequently no groundwater monitoring appears necessary. This was confirmed with Peter Laux of CDPHE in a telephone conversation on December 21, 1995.

SECTION 6.0 RECOMMENDATIONS

The contamination may be cleaned up by excavating the soil in the contaminated area. Excavated soil may be landfarmed (aerated) at Buckley ANG Base in a suitable area or sent to off-site disposal. If buried utilities pose a problem to this method of cleanup, in-situ bio-remediation may be the alternative.

SECTION 7.0 REFERENCES

Colorado Department of Health, April 15, 1994. Storage Tank Owner/Operator Guidance Documents for Initial Site Characterization, Second-Level Site Assessment, Use of State Cleanup Guidelines, and Management of Contaminated Materials.

CDPHE Water Quality Control Commission. Basic Standards for Groundwater, 3.11.0 (5-CCR-1002-8).

Colorado Division of Water Resources, Office of the State Engineer, 1995. Colorado Wells, Applications, and Permits for the area surrounding the Buckley ANG Base Fueling Area, Aurora, Colorado.

HazWaste Technologies® Corporation, August 30, 1996. Work Plan for Fueling Area Site Assessment, Buckley ANG Base, Aurora, Colorado.

Higginbotham and Associates, P.C., May 1988. Buckley Air National Guard Base Master Plan Base Comprehensive Plan Narrative Report.

National Oceanic and Atmospheric Administration, 1994. Local Climatological Data - Normals, Means and Extremes, Denver, Colorado.

Stone & Webster Environmental Technology and Services, June 28, 1996. Work Plan Former Warehouse Area Site Investigation Buckley Air National Guard Base, Aurora, Colorado.

Telephone call record of December 21, 1995, Asvin Waran of HWT with Peter Laux of CDPHE.

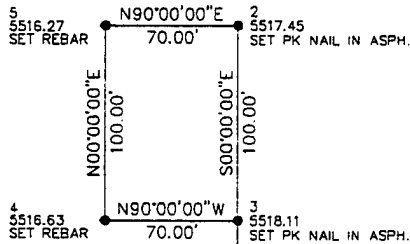
Telephone call record of January 29, 1996, Asvin Waran of HWT with Peter Laux of CDPHE.

United States Department of Agriculture, Soil Conservation Service, March 1971. Soil Survey of Arapahoe County, Colorado.

**APPENDIX A
SURVEY OF SITE**

EXHIBIT

SHOWING LOCATION OF REFERENCE POINTS
SET AT THE FUEL FACILITY ON BUCKLEY ANG
ARAPAHOE COUNTY, COLORADO



PNT #	NORTHING	EASTING	ELEVATION	DESC.
1	685676.92	2202278.26	5523.29	P-19
2	686315.00	2202275.00	5517.45	NE COR
3	686215.00	2202275.00	5518.11	SE COR
4	686215.00	2202205.00	5516.63	SW COR
5	686315.00	2202205.00	5516.27	NW COR

NOTES:

THE PURPOSE OF THIS EXHIBIT IS TO SHOW THE AREA WITH SET REBARS IN RELATION TO THE STATION MARKER (P-19).

THE COORDINATES FOR (P-19) WERE TAKEN FROM THE "HORIZONTAL & VERTICAL CONTROL" MAP BY ADVANCED SURVEYING, INC., PROJECT NO. CRWU902135 & CRWU902803, DATED 5/20/1993.

THIS EXHIBIT IS FOR SITE EVALUATION PURPOSES ONLY AND THE REBARS SET ARE CONTROL POINTS AND ARE NOT INTENDED TO DELINEATE A BOUNDARY OF LAND FOR RIGHTS OR USES.

YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS EXHIBIT WITHIN THREE YEARS AFTER DISCOVERING SUCH DEFECT. IN NO EVENT MAY ANY ACTION BE TAKEN AFTER TEN YEARS OF THE DATE OF CERTIFICATION HEREON.

SURVEYOR'S STATEMENT

I, JOHN B. GUYTON, A DULY REGISTERED LAND SURVEYOR, LICENSED IN THE STATE OF COLORADO, DO HEREBY STATE FOR AND ON BEHALF OF FLATIRONS SURVEYING, INC. TO HAZWASTE TECHNOLOGIES THAT CONTROL POINTS WERE SET AND AN EXHIBIT WAS PRODUCED UNDER MY RESPONSIBLE CHARGE ON MARCH 18, 1996; THAT SAID EXHIBIT AND THE ELEVATIONS SHOWN HEREON ARE ACCURATE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

JOHN B. GUYTON
COLORADO P.L.S. # 16406
PRESIDENT, FLATIRONS SURVEYING, INC.

3-18-96
DATE
FSI JOB NO. 96-28,217

5523.29
P-19

SCALE: 1"=100'

Flatirons Surveying, Inc.
5717 ARAPAHOE RD., BOULDER, CO 80303
(303) 443-7001

FSI JOB NO. 96-28,217

APPENDIX B
DEVIATION FROM WORK PLAN FORM

Work Plan Deviation Form

Site Location: Buckley ANG Base, Aurora, CO

No. 001

Project: Fueling Area Site Assessment

Deviation in Work Plan Proposed by: HazWaste Technologies® Corporation

Proposed Deviation in Work Plan:

We propose to eliminate the soil gas survey since the area of contamination is

already well defined. We will use the savings to take core samples from additional

locations. We will select two soil cores from each locations for lab analysis based

on the two highest readings obtained from Ambient Temperature Headspace

Analysis performed with a field PID.

Reason for Deviation:

Area of contamination is well defined making the soil gas survey unnecessary.

This change will also make the methodology consistent with the one for the F-16

Crash Site SA, which will be performed in the next few weeks.

HWT Project Manager

Signature

Avin Wara

Date December 12, 1995

ANGRC Project Manager

Signature

Date

APPENDIX C
SCREENING RESULTS

**Results of Soil Screening
Average PID Readings (ppm)**

Location No.	Depth Interval (ft.)			
	0-2	4-6	9-11	14-16
1	400	5	1.5	4
2	>2000	40	11	1
3	>2000	40	7	5
4	1500	>2000	35	50
5	350	>2000	12	17
6	>2000	>2000	20	40
7	>2000	60	12	12
8	0	0	1.5	0.2
9	2.5	0.5	1.0	1.2
10	6	5	2.5	27
11	28	45	10	7
12	0.7	1.7	3	0.9
13	0.5	0.5	0.8	0.8
14	0.5	0.4	0.5	0.2
15	145	1.2	1.7	1.4
16	860	3.5	1.0	1.1
17	100	0.6	0.5	0.7
18	160	5	6	0.5
19	450	0.5	0.6	0.2
20	150	1.4	0.6	0.5
21	0.3	0.3	0.3	0.5

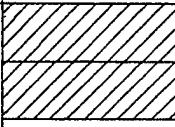
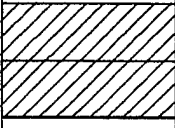
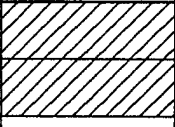
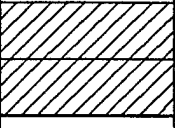
APPENDIX D
SOIL CORE LOGS

Log of Boring No. 1

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

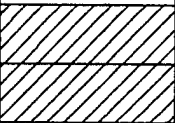
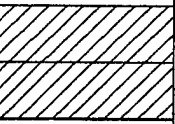
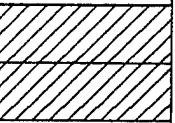
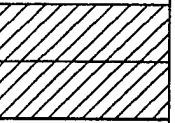
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	400		Clay, Dark Brown, Dry
5	5		Clay, Dark Brown, Dry, Little Shale
10	1.5		Sand, Brown, Medium Grain, Dry
15	4		Sand, Brown, Medium Grain, Dry
20			

Log of Boring No. 2

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

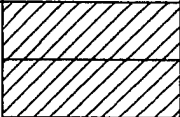
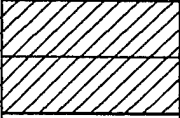
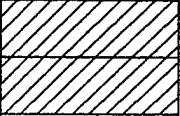
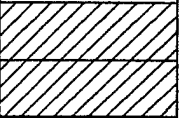
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
0	>2000		Clay, Dark Brown, Gray Discoloration
5	40		Clay, Dark Brown, Dry, Some Sand
10	11		Sand, Brown, Medium Grain, Dry
15	1		Sand, Brown, Medium Grain, Dry
20			

Log of Boring No. 3

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical


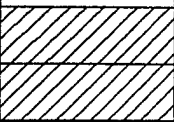
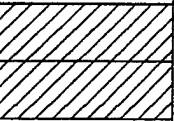
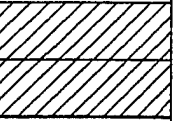
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	>2000		Clay, Dark Brown, Some Moisture, Petroleum Odor
5	40		Clay, Dark Brown, Dry
10	7		Sand, Brown, Medium Grain, Dry
15	5		Sand, Brown, Medium Grain, Dry
20			

Log of Boring No. 4

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical





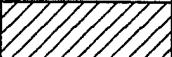
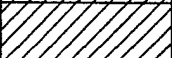


Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
1	1500		Clay, Dark Brown, Some Moisture, Some Sand, Rocks Top 6 in.
2			
3			
4			
5	>2000		Clay, Dark Brown, Some Moisture, Some Sand, Strong Petroleum Odor
6			
7			
8			
9			
10	35		Clay, Brown, Dry, Some Sand
11			
12			
13			
14			
15	50		Sand, Brown, Medium Grain, Dry
16			
17			
18			
19			
20			

Log of Boring No. 5

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

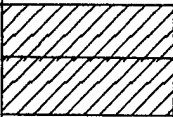
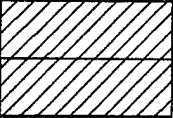


Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
0	350		Clay, Dark Brown, Some Moisture, Rocks Top 6 in.
0			
0			
0			
0			
5	>2000		Clay, Dark Brown, Some Moisture, Some Sand, Petroleum Odor
5			
5			
5			
5			
10	12		Sand, Brown, Medium Grain, Dry
10			
10			
10			
10			
15	17		Sand, Brown, Medium Grain, Dry
15			
15			
15			
15			
20			

Log of Boring No. 6

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

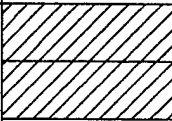
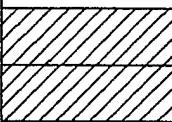
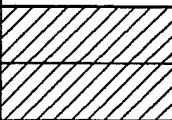
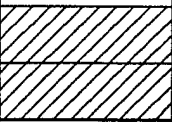
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	>2000		Clay. Dark Brown. Some Moisture. Rocks Top 6 in.. Petroleum Odor
5	>2000		Sand, Brown, Medium Grain, Dry, Petroleum Odor
10	20		Sand, Brown, Medium Grain, Dry
15	40		Sand, Brown, Medium Grain, Dry
20			

Log of Boring No. 7

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

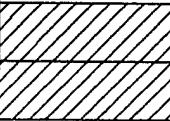
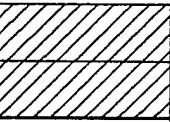
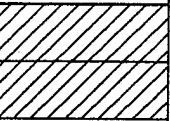
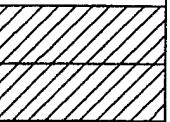
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	>2000		Clay, Dark Brown, Some Moisture, Rocks Top 6 in.
5	60		Sand, Brown, Medium Grain, Dry
10	12		Sand, Brown, Medium Grain, Dry
15	12		Sand, Brown, Medium Grain, Dry
20			

Log of Boring No. 8

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

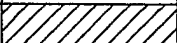
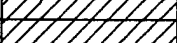

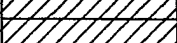

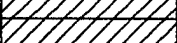

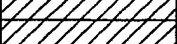
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
0	0		Clay, Dark Brown, Some Moisture, Rocks Top 6 in.
5	0		Clay, Brown, Dry
10	1.5		Sand, Brown, Medium Grain, Dry, Some Clay
15	0.2		Sand, Brown, Medium Grain, Dry
20			

Log of Boring No. 9

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

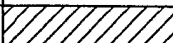
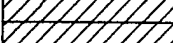

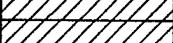
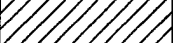

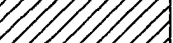

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
0	2.5		Sand, Brown, Fine Grain, Dry
			
5	0.5		Sand, Brown, Fine Grain, Dry
			
10	1.0		Sand, Brown, Medium Grain, Dry
			
15	1.2		Sand, Brown, Medium Grain, Dry
			
20			

Log of Boring No. 10

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical


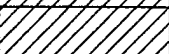

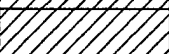



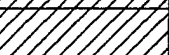
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
0	6		Sand, Brown, Fine Grain, Dry
			
5	5		Sand, Brown, Fine Grain, Dry
			
10	2.5		Sand, Brown, Medium Grain, Dry
			
15	27		Sand, Brown, Medium Grain, Dry
			
20			

Log of Boring No. 11

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

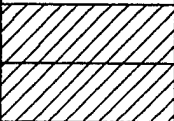
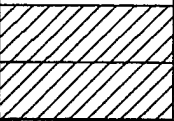
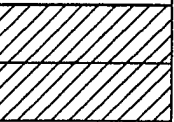
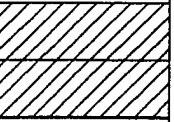
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
	28		Clay, Brown, Dry, Traces of Sand
			
5	45		Clay, Brown, Dry
			
10	10		Clay, Brown, Dry, Traces of Sand
			
15	7		Clay, Brown, Dry
			
20			

Log of Boring No. 12

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

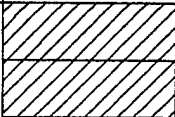
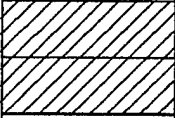
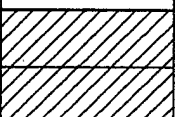
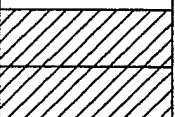
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
0.7	0.7		Silt, Brown, Dry, Traces of Clay
1.7	1.7		Silt, Brown, Dry, Traces of Clay
3	3		Silt, Brown, Dry, Traces of Clay
0.7	0.7		Sand, Brown, Medium Grain, Dry, Some Silt
20			

Log of Boring No. 13

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

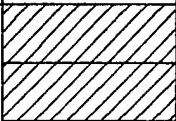
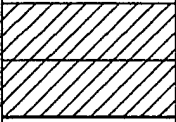
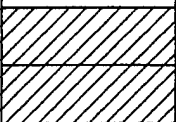
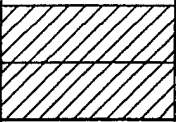
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
0.5	0.5		Clay, Brown, Dry, Some Silt
5	0.5		Sand, Brown, Fine Grain, Some Silt
10	0.8		Silt, Brown, Dry, Some Sand
15	0.8		Clay, Brown, Dry, Some Sand
20			

Log of Boring No. 14

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
0.5			Clay, Brown, Dry, Some Silt
5	0.4		Clay, Brown, Dry, Traces of Silt
10	0.5		Clay, Brown, Dry, Some Silt
15	0.2		Clay, Brown, Dry, Some Silt
20			

Log of Boring No. 15

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

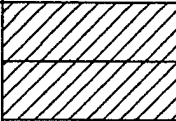
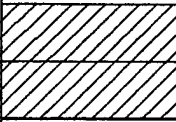

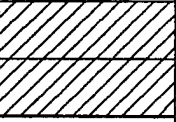
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
145			Clay, Dark Brown, Dry, Some Gravel
5	1.2		Clay, Dark Brown, Dry
10	1.7		Sand, Brown, Medium Grain, Dry
15	1.4		Sand, Brown, Medium Grain, Dry
20			

Log of Boring No. 16

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

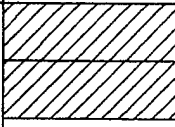
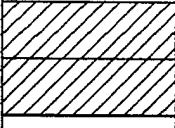
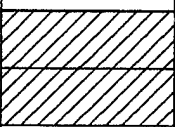
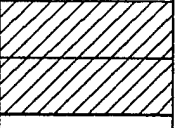
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
0	860		Clay, Dark Brown, Dry, Traces of Silt
5	3.5		Clay, Dark Brown, Dry
10	1.0		Clay, Brown, Dry, Some Sand
15	1.1		Sand, Brown, Medium Grain, Dry
20			

Log of Boring No. 17

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

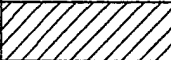



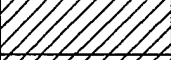
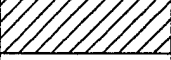
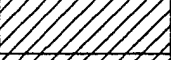
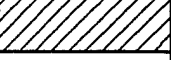
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
0	100		Gravel, Dark Brown, Dry, Traces of Clay
5	0.6		Clay, Dark Brown, Dry, Some Sand
10	0.5		Sand, Brown, Medium Grain, Dry
15	0.7		Sand, Brown, Medium Grain, Dry
20			

Log of Boring No. 18

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

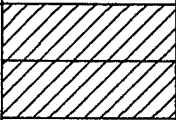
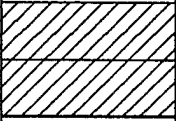
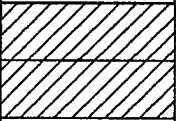
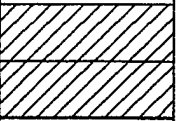
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
1	160		Clay, Dark Brown, Dry, Some Gravel
2			
3			
4			
5	5		Clay, Dark Brown, Dry, Traces of Silt
6			
7			
8			
9			
10	6		Sand, Brown, Medium Grain, Dry
11			
12			
13			
14			
15	0.5		Sand, Brown, Medium Grain, Dry
16			
17			
18			
19			
20			

Log of Boring No. 19

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

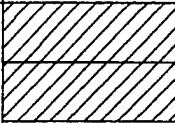
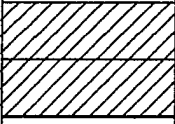
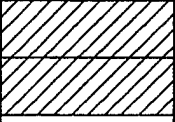
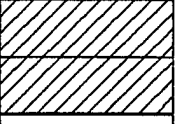
Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
—	450		Gravel, Dark Brown, Dry, Traces of Clay
—			
—			
—			
5	0.5		Clay, Dark Brown, Dry, Traces of Silt
—			
—			
—			
10	0.6		Sand, Brown, Medium Grain, Dry
—			
—			
—			
15	0.2		Sand, Brown, Medium Grain, Dry
—			
—			
—			
20			

Log of Boring No. 20

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

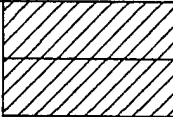
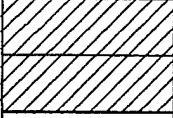
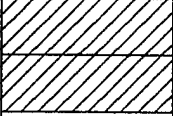

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
1	150		Clay, Dark Brown, Dry, Some Gravel
2			
3			
4			
5	1.4		Clay, Dark Brown, Dry
6			
7			
8			
9			
10	0.6		Clay, Brown, Dry, Some Sand
11			
12			
13			
14			
15	0.5		Sand, Brown, Medium Grain, Dry
16			
17			
18			
19			
20			

Log of Boring No. 21

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

Depth (ft.)	PID Readings (ppm)	Samples	Description
0			Land Surface Elevation
0	0.3		Silt, Brown, Dry
5	0.3		Silt, Brown, Dry
10	0.3		Silt, Brown, Dry, Traces of Sand
15	0.5		Sand, Brown, Medium Grain, Dry, Some Silt
20			

APPENDIX E
ANALYTICAL DATA AND QA EVALUATION RESULTS

Analysis of QC Samples

Three types of field QC samples were sent for laboratory analysis. Namely, field blanks, equipment rinsates, and trip blanks. Field blanks were samples of distilled water used for decontamination of sampling equipment. Equipment rinsates consisted of distilled water that had been used for rinsing decontaminated sampling equipment to check the effectiveness of the decontamination process. Trip blanks consisted of distilled water samples that accompanied soil core samples to the lab in the cooler.

Results of analysis of all blanks are shown in the table below:

Sample Type	Sample No.	Date	TPH	Benzene	Toluene	Ethylbenzene	Xylenes
Field Blank	9511213-01	12/13/95	ND	ND	0.002	ND	0.005
Equip. Rinsate	9511213-02	12/13/95	0.24	ND	0.002	0.002	0.008
Equip. Rinsate	9511214-01	12/14/95	0.21	ND	ND	ND	2.28
Field Blank	9511214-02	12/14/95	ND	ND	ND	ND	ND
Equip. Rinsate	9511214-03	12/14/95	ND	ND	ND	ND	ND
Trip Blank	Trip Blank	12/13/95	ND	ND	ND	ND	ND
Trip Blank	Trip Blank	12/14/95	ND	ND	ND	ND	ND

ND: Not Detected

Results of analysis show only traces of toluene and xylenes at the $\mu\text{g/l}$ level for the field blank taken on 12/13/95. No contaminants were detected for the field blank sample taken on 12/14/95. Results of analysis of equipment rinsates show TPH concentrations of less than 0.25 mg/l. Since the range of interest for TPH and BTEX is >100 mg/kg, the concentrations of contaminants in the field blanks and equipment rinsates are well below levels that would be of concern.

No contaminants were detected in the trip blanks.

QA Check of Laboratory Data

Sample ID	Were Holding Times Met ?	Are Surrogate Recoveries Between 70% and 130% ?	Were Method Detection Limits Met ?
F1-0	yes	yes	yes
F1-4	yes	yes	yes
F2-0	no	no	yes
F2-4	yes	yes	yes
F3-0	yes	no	yes
F3-4	yes	yes	yes
F4-0	no	no	yes
F4-4	no	no	yes
F5-0	yes	yes	yes
F5-4	no	yes	yes
F6-0	no	no	yes
F6-4	yes	yes	yes
F7-0	yes	yes	yes
F7-4	yes	yes	yes
F9-0	yes	yes	yes
F10-0	yes	yes	yes
F10-14	yes	yes	yes
F11-0	yes	yes	yes
F11-4	yes	yes	yes
F15-0	yes	yes	yes
F15-9	yes	yes	yes
F16-0	yes	no	yes
F16-4	yes	yes	yes
F17-0	yes	yes	yes
F18-0	yes	yes	yes
F18-9	yes	yes	yes
F19-0	yes	no	yes
F20-0	yes	yes	yes
F20-4	yes	yes	yes
Background	yes	yes	yes

Note 1: Holding times for VOA analysis were exceeded for five samples. Holding times were never exceeded by more than two days.

Note 2: Surrogate recoveries exceeded the limits of 70% to 130% for seven samples. Surrogate recoveries for these samples ranged from 59% to 166%.

HYDROLOGIC LABORATORIES, INC

Jan 09, 1996

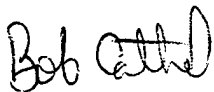
Haz-waste Technologies Corp.
Mr. Eric Marler
2995 Center Green Court South
Boulder, CO 80301

Dear Mr. Marler,

Please find enclosed the report for 93 samples received at HydroLogic Laboratories, Inc. on 15 Dec 1995 for your project number, BANG FUELING AREA. The report reference is L2397.

If you have any questions, please call (303) 659-0497.

Sincerely,

A handwritten signature in black ink that reads "Bob Cathel". The signature is written in a cursive, slightly slanted style.

Bob Cathel
Project Manager

Sample Cross Reference Table**Company Name:** Haz-waste Technologies Corp.**HydroLogic Login Number:** L2397

HydroLogic Sample Number	Client Sample Identification	Sample Date/Time
L2397-1	9511213-01	13 Dec 95 08:32
L2397-2	F1-0	13 Dec 95 08:40
L2397-3	F1-4	13 Dec 95 08:48
L2397-4	F1-9	13 Dec 95 08:56
L2397-5	F1-14	13 Dec 95 09:05
L2397-6	F2-0	13 Dec 95 09:16
L2397-7	F2-4	13 Dec 95 09:25
L2397-8	F2-9	13 Dec 95 09:30
L2397-9	F2-14	13 Dec 95 09:35
L2397-10	F3-0	13 Dec 95 09:40
L2397-11	F3-4	13 Dec 95 09:45
L2397-12	F3-9	13 Dec 95 09:50
L2397-13	F3-14	13 Dec 95 09:55
L2397-14	F4-0	13 Dec 95 10:10
L2397-15	F4-4	13 Dec 95 10:15
L2397-16	F4-9	13 Dec 95 10:20
L2397-17	F4-14	13 Dec 95 10:25
L2397-18	F5-0	13 Dec 95 10:30
L2397-19	F5-4	13 Dec 95 10:30
L2397-20	F5-9	13 Dec 95 10:40
L2397-21	F5-14	13 Dec 95 10:45
L2397-22	F6-0	13 Dec 95 13:11
L2397-23	F6-4	13 Dec 95 13:20
L2397-24	F6-9	13 Dec 95 13:25
L2397-25	F6-14	13 Dec 95 13:30
L2397-26	F7-0	13 Dec 95 13:25
L2397-27	F7-4	13 Dec 95 13:25
L2397-28	F7-9	13 Dec 95 13:35
L2397-29	F7-14	13 Dec 95 13:40
L2397-30	F8-0	13 Dec 95 15:45
L2397-31	F8-4	13 Dec 95 15:50
L2397-32	F8-9	13 Dec 95 15:55
L2397-33	F8-14	13 Dec 95 16:00
L2397-34	F9-0	13 Dec 95 14:40
L2397-35	F9-4	13 Dec 95 14:45
L2397-36	F9-9	13 Dec 95 14:50
L2397-37	F9-14	13 Dec 95 14:55
L2397-38	F10-0	13 Dec 95 14:55
L2397-39	F10-4	13 Dec 95 14:55
L2397-40	F10-9	13 Dec 95 14:58

Sample Cross Reference Table**Company Name:** Haz-waste Technologies Corp.**HydroLogic Login Number:** L2397

HydroLogic Sample Number	Client Sample Identification	Sample Date/Time
L2397-41	F10-14	13 Dec 95 15:00
L2397-42	F11-0	13 Dec 95 15:03
L2397-43	F11-4	13 Dec 95 15:10
L2397-44	F11-9	13 Dec 95 15:15
L2397-45	F11-14	13 Dec 95 15:20
L2397-46	951213-02	13 Dec 95 00:00
L2397-47	TRIP BLANK	12 Dec 95 00:00
L2397-48	F15-0	14 Dec 95 07:55
L2397-49	F15-4	14 Dec 95 08:00
L2397-50	F15-9	14 Dec 95 08:05
L2397-51	F15-14	14 Dec 95 08:10
L2397-52	F16-0	14 Dec 95 08:25
L2397-53	F16-4	14 Dec 95 08:30
L2397-54	F16-9	14 Dec 95 08:35
L2397-55	F16-14	14 Dec 95 08:40
L2397-56	F17-0	14 Dec 95 08:55
L2397-57	F17-4	14 Dec 95 09:00
L2397-58	F20-0	14 Dec 95 10:35
L2397-59	F20-4	14 Dec 95 10:40
L2397-60	F20-9	14 Dec 95 10:45
L2397-61	F20-14	14 Dec 95 10:50
L2397-62	F12-0	14 Dec 95 12:40
L2397-63	F12-4	14 Dec 95 12:45
L2397-64	F12-9	14 Dec 95 12:50
L2397-65	F12-14	14 Dec 95 12:55
L2397-66	F13-0	14 Dec 95 13:00
L2397-67	F13-4	14 Dec 95 13:05
L2397-68	F13-9	14 Dec 95 13:10
L2397-69	F13-14	14 Dec 95 13:15
L2397-70	F14-0	14 Dec 95 13:20
L2397-71	F14-4	14 Dec 95 13:25
L2397-72	F14-9	14 Dec 95 13:30
L2397-73	F14-14	14 Dec 95 13:35
L2397-74	F21-0	14 Dec 95 14:18
L2397-75	F21-4	14 Dec 95 14:25
L2397-76	F21-9	14 Dec 95 14:30
L2397-77	F17-9	14 Dec 95 09:05
L2397-78	F17-14	14 Dec 95 09:10
L2397-79	F18-0	14 Dec 95 09:32
L2397-80	F18-4	14 Dec 95 09:35

Sample Cross Reference Table

Company Name: Haz-waste Technologies Corp.

HydroLogic Login Number: L2397

HydroLogic Sample Number	Client Sample Identification	Sample Date/Time
L2397-81	F18-9	14 Dec 95 09:40
L2397-82	F18-14	14 Dec 95 09:45
L2397-83	F19-0	14 Dec 95 10:35
L2397-84	F19-4	14 Dec 95 10:05
L2397-85	F19-9	14 Dec 95 10:10
L2397-86	F19-14	14 Dec 95 10:15
L2397-87	F21-14	14 Dec 95 14:35
L2397-88	951214-01	14 Dec 95 10:35
L2397-89	951214-02	14 Dec 95 10:35
L2397-90	951214-03	14 Dec 95 14:25
L2397-91	951214-1DW	14 Dec 95 14:50
L2397-92	BG	14 Dec 95 07:45
L2397-93	TRIP BLANK	14 Dec 95 00:00

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.

Project: BANG FUELING AREA

HydroLogic Login Number: L2397

METHOD COLLECTED PREPARED ANALYZED

SAMPLE NUMBER: L2397-1 **CLIENT ID:** 9511213-01 **MATRIX:** Aqueous

SW846, 8015	12/13/95 08:32	12/27/95	12/27/95 10:08
SW8240	12/13/95 08:32	12/19/95	12/19/95 15:37
SW-846, 8020	12/13/95 08:32	12/27/95	12/27/95 10:08

SAMPLE NUMBER: L2397-2 **CLIENT ID:** F1-0 **MATRIX:** Soil

SW846, 8240	12/13/95 08:40	12/27/95	12/27/95 01:36
SW846 8015M	12/13/95 08:40	12/19/95	12/19/95 14:10
SW-846, 8020	12/13/95 08:40	12/19/95	12/19/95 14:10

SAMPLE NUMBER: L2397-3 **CLIENT ID:** F1-4 **MATRIX:** Soil

SW846, 8240	12/13/95 08:48	12/27/95	12/27/95 16:01
SW846 8015M	12/13/95 08:48	12/19/95	12/19/95 14:49
SW-846, 8020	12/13/95 08:48	12/19/95	12/19/95 14:49

SAMPLE NUMBER: L2397-4 **CLIENT ID:** F1-9 **MATRIX:** Soil

SW846, 8240	12/13/95 08:56	12/27/95	12/27/95 17:57
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SAMPLE NUMBER: L2397-5 **CLIENT ID:** F1-14 **MATRIX:** Soil

SAMPLE NUMBER: L2397-6 **CLIENT ID:** F2-0 **MATRIX:** Soil

SW846, 8240	12/13/95 09:16	12/27/95	12/27/95 16:39
SW846, 8240	12/13/95 09:16	12/29/95	12/29/95 16:22
SW846 8015M	12/13/95 09:16	12/20/95	12/20/95 20:38
SW-846, 8020	12/13/95 09:16	12/20/95	12/20/95 20:38

SAMPLE NUMBER: L2397-7 **CLIENT ID:** F2-4 **MATRIX:** Soil

SW846, 8240	12/13/95 09:25	12/27/95	12/27/95 17:18
SW846 8015M	12/13/95 09:25	12/20/95	12/20/95 11:41
SW-846, 8020	12/13/95 09:25	12/20/95	12/20/95 11:41

SAMPLE NUMBER: L2397-8 **CLIENT ID:** F2-9 **MATRIX:** Soil

SAMPLE NUMBER: L2397-9 **CLIENT ID:** F2-14 **MATRIX:** Soil

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
Project: BANG FUELING AREA

HydroLogic Login Number: L2397

METHOD	COLLECTED	PREPARED	ANALYZED
SAMPLE NUMBER: L2397-10	CLIENT ID: F3-0		MATRIX: Soil
SW846, 8240	12/13/95 09:40	12/27/95	12/27/95 02:15
SW846 8015M	12/13/95 09:40	12/21/95	12/21/95 00:02
SW-846, 8020	12/13/95 09:40	12/21/95	12/21/95 00:02
SAMPLE NUMBER: L2397-11	CLIENT ID: F3-4		MATRIX: Soil
SW846, 8240	12/13/95 09:45	12/27/95	12/27/95 03:34
SW846 8015M	12/13/95 09:45	12/20/95	12/20/95 12:20
SW-846, 8020	12/13/95 09:45	12/20/95	12/20/95 12:20
SAMPLE NUMBER: L2397-12	CLIENT ID: F3-9		MATRIX: Soil
SAMPLE NUMBER: L2397-13	CLIENT ID: F3-14		MATRIX: Soil
SAMPLE NUMBER: L2397-14	CLIENT ID: F4-0		MATRIX: Soil
SW846, 8240	12/13/95 10:10	12/27/95	12/27/95 02:54
SW846, 8240	12/13/95 10:10	12/28/95	12/28/95 19:09
SW846 8015M	12/13/95 10:10	12/21/95	12/21/95 12:03
SW-846, 8020	12/13/95 10:10	12/21/95	12/21/95 12:03
SAMPLE NUMBER: L2397-15	CLIENT ID: F4-4		MATRIX: Soil
SW846, 8240	12/13/95 10:15	12/27/95	12/27/95 13:19
SW846, 8240	12/13/95 10:15	12/29/95	12/29/95 14:16
SW846 8015M	12/13/95 10:15	12/20/95	12/20/95 16:32
SW-846, 8020	12/13/95 10:15	12/20/95	12/20/95 16:32
SAMPLE NUMBER: L2397-16	CLIENT ID: F4-9		MATRIX: Soil
SAMPLE NUMBER: L2397-17	CLIENT ID: F4-14		MATRIX: Soil
SAMPLE NUMBER: L2397-18	CLIENT ID: F5-0		MATRIX: Soil
SW846, 8240	12/13/95 10:30	12/27/95	12/27/95 15:22
SW846 8015M	12/13/95 10:30	12/20/95	12/20/95 13:41
SW-846, 8020	12/13/95 10:30	12/20/95	12/20/95 13:41
SAMPLE NUMBER: L2397-19	CLIENT ID: F5-4		MATRIX: Soil

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
Project: BANG FUELING AREA

HydroLogic Login Number: L2397

METHOD	COLLECTED	PREPARED	ANALYZED
SW846, 8240	12/13/95 10:30	12/27/95	12/27/95 14:37
SW846, 8240	12/13/95 10:30	12/29/95	12/29/95 15:43
SW846 8015M	12/13/95 10:30	12/21/95	12/21/95 12:44
SW-846, 8020	12/13/95 10:30	12/21/95	12/21/95 12:44

SAMPLE NUMBER: L2397-20 **CLIENT ID:** F5-9 **MATRIX:**Soil

SAMPLE NUMBER: L2397-21 **CLIENT ID:** F5-14 **MATRIX:**Soil

SAMPLE NUMBER: L2397-22 **CLIENT ID:** F6-0 **MATRIX:**Soil

SW846, 8240	12/13/95 13:11	12/27/95	12/27/95 13:58
SW846, 8240	12/13/95 13:11	12/29/95	12/29/95 14:55
SW846 8015M	12/13/95 13:11	12/21/95	12/21/95 13:23
SW-846, 8020	12/13/95 13:11	12/21/95	12/21/95 13:23

SAMPLE NUMBER: L2397-23 **CLIENT ID:** F6-4 **MATRIX:**Soil

SW846, 8240	12/13/95 13:20	12/27/95	12/27/95 08:47
SW846 8015M	12/13/95 13:20	12/20/95	12/20/95 13:00
SW-846, 8020	12/13/95 13:20	12/20/95	12/20/95 13:00

SAMPLE NUMBER: L2397-24 **CLIENT ID:** F6-9 **MATRIX:**Soil

SAMPLE NUMBER: L2397-25 **CLIENT ID:** F6-14 **MATRIX:**Soil

SAMPLE NUMBER: L2397-26 **CLIENT ID:** F7-0 **MATRIX:**Soil

SW846, 8240	12/13/95 13:25	12/27/95	12/27/95 08:08
SW846 8015M	12/13/95 13:25	12/21/95	12/21/95 10:43
SW-846, 8020	12/13/95 13:25	12/21/95	12/21/95 10:43

SAMPLE NUMBER: L2397-27 **CLIENT ID:** F7-4 **MATRIX:**Soil

SW846, 8240	12/13/95 13:25	12/27/95	12/27/95 07:29
SW846 8015M	12/13/95 13:25	12/20/95	12/20/95 00:19
SW-846, 8020	12/13/95 13:25	12/20/95	12/20/95 00:19

SAMPLE NUMBER: L2397-28 **CLIENT ID:** F7-9 **MATRIX:**Soil

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.

Project: BANG FUELING AREA

HydroLogic Login Number: L2397

METHOD	COLLECTED	PREPARED	ANALYZED
SAMPLE NUMBER: L2397-29	CLIENT ID: F7-14	MATRIX: Soil	
SAMPLE NUMBER: L2397-30	CLIENT ID: F8-0	MATRIX: Soil	
SAMPLE NUMBER: L2397-31	CLIENT ID: F8-4	MATRIX: Soil	
SAMPLE NUMBER: L2397-32	CLIENT ID: F8-9	MATRIX: Soil	
SAMPLE NUMBER: L2397-33	CLIENT ID: F8-14	MATRIX: Soil	
SAMPLE NUMBER: L2397-34	CLIENT ID: F9-0	MATRIX: Soil	
SW846, 8240	12/13/95 14:40	12/27/95	12/27/95 06:11
SW846 8015M	12/13/95 14:40	12/22/95	12/22/95 11:01
SW-846, 8020	12/13/95 14:40	12/22/95	12/22/95 11:01
SAMPLE NUMBER: L2397-35	CLIENT ID: F9-4	MATRIX: Soil	
SAMPLE NUMBER: L2397-36	CLIENT ID: F9-9	MATRIX: Soil	
SAMPLE NUMBER: L2397-37	CLIENT ID: F9-14	MATRIX: Soil	
SAMPLE NUMBER: L2397-38	CLIENT ID: F10-0	MATRIX: Soil	
SW846, 8240	12/13/95 14:55	12/27/95	12/27/95 04:13
SW846 8015M	12/13/95 14:55	12/22/95	12/22/95 12:21
SW-846, 8020	12/13/95 14:55	12/22/95	12/22/95 12:21
SAMPLE NUMBER: L2397-39	CLIENT ID: F10-4	MATRIX: Soil	
SAMPLE NUMBER: L2397-40	CLIENT ID: F10-9	MATRIX: Soil	
SAMPLE NUMBER: L2397-41	CLIENT ID: F10-14	MATRIX: Soil	
SW846, 8240	12/13/95 15:00	12/27/95	12/27/95 04:52

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
Project: BANG FUELING AREA

HydroLogic Login Number: L2397

METHOD	COLLECTED	PREPARED	ANALYZED
SW846 8015M	12/13/95 15:00	12/20/95	12/20/95 21:19
SW-846, 8020	12/13/95 15:00	12/20/95	12/20/95 21:19
SAMPLE NUMBER: L2397-42 CLIENT ID: F11-0 MATRIX: Soil			
SW846, 8240	12/13/95 15:03	12/27/95	12/27/95 05:31
SW846 8015M	12/13/95 15:03	12/22/95	12/22/95 13:00
SW-846, 8020	12/13/95 15:03	12/22/95	12/22/95 13:00
SAMPLE NUMBER: L2397-43 CLIENT ID: F11-4 MATRIX: Soil			
SW846, 8240	12/13/95 15:10	12/27/95	12/27/95 06:50
SW846 8015M	12/13/95 15:10	12/21/95	12/21/95 14:02
SW-846, 8020	12/13/95 15:10	12/21/95	12/21/95 14:02
SAMPLE NUMBER: L2397-44 CLIENT ID: F11-9 MATRIX: Soil			
SAMPLE NUMBER: L2397-45 CLIENT ID: F11-14 MATRIX: Soil			
SAMPLE NUMBER: L2397-46 CLIENT ID: 951213-02 MATRIX: Aqueous			
SW846, 8015	12/13/95 00:00	12/27/95	12/27/95 14:48
SW8240	12/13/95 00:00	12/19/95	12/19/95 16:55
SW-846, 8020	12/13/95 00:00	12/27/95	12/27/95 14:48
SAMPLE NUMBER: L2397-47 CLIENT ID: TRIP BLANK MATRIX: Aqueous			
SW846, 8015	12/12/95 00:00	12/27/95	12/27/95 16:48
SW8240	12/12/95 00:00	12/19/95	12/19/95 16:16
SW-846, 8020	12/12/95 00:00	12/27/95	12/27/95 16:48
SAMPLE NUMBER: L2397-48 CLIENT ID: F15-0 MATRIX: Soil			
SW846, 8240	12/14/95 07:55	12/28/95	12/28/95 02:49
SW846 8015M	12/14/95 07:55	12/22/95	12/22/95 13:41
SW-846, 8020	12/14/95 07:55	12/22/95	12/22/95 13:41
SAMPLE NUMBER: L2397-49 CLIENT ID: F15-4 MATRIX: Soil			
SAMPLE NUMBER: L2397-50 CLIENT ID: F15-9 MATRIX: Soil			
SW846, 8240	12/14/95 08:05	12/28/95	12/28/95 02:10

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
Project: BANG FUELING AREA

HydroLogic Login Number: L2397

METHOD	COLLECTED	PREPARED	ANALYZED
SW846 8015M	12/14/95 08:05	12/21/95	12/21/95 11:22
SW-846, 8020	12/14/95 08:05	12/21/95	12/21/95 11:22

SAMPLE NUMBER: L2397-51 **CLIENT ID:** F15-14 **MATRIX:**Soil

SAMPLE NUMBER: L2397-52 **CLIENT ID:** F16-0 **MATRIX:**Soil

SW846, 8240	12/14/95 08:25	12/28/95	12/28/95 16:32
SW846 8015M	12/14/95 08:25	12/26/95	12/26/95 10:59
SW-846, 8020	12/14/95 08:25	12/26/95	12/26/95 10:59

SAMPLE NUMBER: L2397-53 **CLIENT ID:** F16-4 **MATRIX:**Soil

SW846, 8240	12/14/95 08:30	12/28/95	12/28/95 00:52
SW846 8015M	12/14/95 08:30	12/21/95	12/21/95 20:50
SW-846, 8020	12/14/95 08:30	12/21/95	12/21/95 20:50

SAMPLE NUMBER: L2397-54 **CLIENT ID:** F16-9 **MATRIX:**Soil

SAMPLE NUMBER: L2397-55 **CLIENT ID:** F16-14 **MATRIX:**Soil

SAMPLE NUMBER: L2397-56 **CLIENT ID:** F17-0 **MATRIX:**Soil

SW846, 8240	12/14/95 08:55	12/27/95	12/27/95 23:34
SW846 8015M	12/14/95 08:55	12/26/95	12/26/95 11:38
SW-846, 8020	12/14/95 08:55	12/26/95	12/26/95 11:38

SAMPLE NUMBER: L2397-57 **CLIENT ID:** F17-4 **MATRIX:**Soil

SAMPLE NUMBER: L2397-58 **CLIENT ID:** F20-0 **MATRIX:**Soil

SW846, 8240	12/14/95 10:35	12/28/95	12/28/95 15:54
SW846 8015M	12/14/95 10:35	12/26/95	12/26/95 13:37
SW-846, 8020	12/14/95 10:35	12/26/95	12/26/95 13:37

SAMPLE NUMBER: L2397-59 **CLIENT ID:** F20-4 **MATRIX:**Soil

SW846, 8240	12/14/95 10:40	12/28/95	12/28/95 06:03
SW846 8015M	12/14/95 10:40	12/21/95	12/21/95 18:48
SW-846, 8020	12/14/95 10:40	12/21/95	12/21/95 18:48

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
Project: BANG FUELING AREA

HydroLogic Login Number: L2397

METHOD	COLLECTED	PREPARED	ANALYZED
SAMPLE NUMBER: L2397-60	CLIENT ID: F20-9		MATRIX: Soil
SAMPLE NUMBER: L2397-61	CLIENT ID: F20-14		MATRIX: Soil
SAMPLE NUMBER: L2397-62	CLIENT ID: F12-0		MATRIX: Soil
SAMPLE NUMBER: L2397-63	CLIENT ID: F12-4		MATRIX: Soil
SAMPLE NUMBER: L2397-64	CLIENT ID: F12-9		MATRIX: Soil
SAMPLE NUMBER: L2397-65	CLIENT ID: F12-14		MATRIX: Soil
SAMPLE NUMBER: L2397-66	CLIENT ID: F13-0		MATRIX: Soil
SAMPLE NUMBER: L2397-67	CLIENT ID: F13-4		MATRIX: Soil
SAMPLE NUMBER: L2397-68	CLIENT ID: F13-9		MATRIX: Soil
SAMPLE NUMBER: L2397-69	CLIENT ID: F13-14		MATRIX: Soil
SAMPLE NUMBER: L2397-70	CLIENT ID: F14-0		MATRIX: Soil
SAMPLE NUMBER: L2397-71	CLIENT ID: F14-4		MATRIX: Soil
SAMPLE NUMBER: L2397-72	CLIENT ID: F14-9		MATRIX: Soil
SAMPLE NUMBER: L2397-73	CLIENT ID: F14-14		MATRIX: Soil
SAMPLE NUMBER: L2397-74	CLIENT ID: F21-0		MATRIX: Soil

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
Project: BANG FUELING AREA

HydroLogic Login Number: L2397

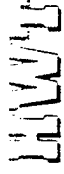
METHOD	COLLECTED	PREPARED	ANALYZED
SAMPLE NUMBER: L2397-75	CLIENT ID: F21-4	MATRIX: Soil	
SAMPLE NUMBER: L2397-76	CLIENT ID: F21-9	MATRIX: Soil	
SAMPLE NUMBER: L2397-77	CLIENT ID: F17-9	MATRIX: Soil	
SAMPLE NUMBER: L2397-78	CLIENT ID: F17-14	MATRIX: Soil	
SAMPLE NUMBER: L2397-79	CLIENT ID: F18-0	MATRIX: Soil	
SW846, 8240	12/14/95 09:32	12/28/95	12/28/95 17:12
SW846 8015M	12/14/95 09:32	12/26/95	12/26/95 12:18
SW-846, 8020	12/14/95 09:32	12/26/95	12/26/95 12:18
SAMPLE NUMBER: L2397-80	CLIENT ID: F18-4	MATRIX: Soil	
SAMPLE NUMBER: L2397-81	CLIENT ID: F18-9	MATRIX: Soil	
SW846, 8240	12/14/95 09:40	12/28/95	12/28/95 04:45
SW846 8015M	12/14/95 09:40	12/21/95	12/21/95 16:46
SW-846, 8020	12/14/95 09:40	12/21/95	12/21/95 16:46
SAMPLE NUMBER: L2397-82	CLIENT ID: F18-14	MATRIX: Soil	
SAMPLE NUMBER: L2397-83	CLIENT ID: F19-0	MATRIX: Soil	
SW846, 8240	12/14/95 10:35	12/28/95	12/28/95 04:06
SW846 8015M	12/14/95 10:35	12/26/95	12/26/95 12:58
SW-846, 8020	12/14/95 10:35	12/26/95	12/26/95 12:58
SAMPLE NUMBER: L2397-84	CLIENT ID: F19-4	MATRIX: Soil	
SAMPLE NUMBER: L2397-85	CLIENT ID: F19-9	MATRIX: Soil	
SAMPLE NUMBER: L2397-86	CLIENT ID: F19-14	MATRIX: Soil	

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
Project: BANG FUELING AREA

HydroLogic Login Number: L2397

METHOD	COLLECTED	PREPARED	ANALYZED
SAMPLE NUMBER: L2397-87 CLIENT ID: F21-14 MATRIX: Soil			
SAMPLE NUMBER: L2397-88 CLIENT ID: 951214-01 MATRIX: Aqueous			
SW846, 8015	12/14/95 10:35	12/28/95	12/28/95 15:34
SW8240	12/14/95 10:35	12/21/95	12/21/95 13:01
SW-846, 8020	12/14/95 10:35	12/28/95	12/28/95 15:34
SAMPLE NUMBER: L2397-89 CLIENT ID: 951214-02 MATRIX: Aqueous			
SW846, 8015	12/14/95 10:35	12/28/95	12/28/95 16:11
SW8240	12/14/95 10:35	12/21/95	12/21/95 13:41
SW-846, 8020	12/14/95 10:35	12/28/95	12/28/95 16:11
SAMPLE NUMBER: L2397-90 CLIENT ID: 951214-03 MATRIX: Aqueous			
SW846, 8015	12/14/95 14:25	12/27/95	12/27/95 16:08
SW8240	12/14/95 14:25	12/21/95	12/21/95 14:22
SW-846, 8020	12/14/95 14:25	12/27/95	12/27/95 16:08
SAMPLE NUMBER: L2397-91 CLIENT ID: 951214-1DW MATRIX: Soil			
SAMPLE NUMBER: L2397-92 CLIENT ID: BG MATRIX: Soil			
SW846, 8240	12/14/95 07:45	12/28/95	12/28/95 03:27
SW846 8015M	12/14/95 07:45	12/21/95	12/21/95 21:31
SW-846, 8020	12/14/95 07:45	12/21/95	12/21/95 21:31
SAMPLE NUMBER: L2397-93 CLIENT ID: TRIP BLANK MATRIX: Aqueous			
SW846, 8015	12/14/95 00:00	12/27/95	12/27/95 17:29
SW8240	12/14/95 00:00	12/21/95	12/21/95 12:20
SW-846, 8020	12/14/95 00:00	12/27/95	12/27/95 17:29


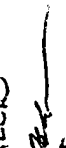


CHAIN OF CUSTODY RECORD

Project No.		Project		ANALYSIS REQUIRED				COMMENTS	
Sample No.		Date	Time	Comp	Grab	Description of Location	No. of Cont.		
951213-01		12/13/95	08:32		X	DECON BLANK	1	BTEX (500)	STANDARD T/A
F1-0		12/13/95	08:40		X	LOCATION 1 0-2 FT DEPTH	1	TVPH (305)	
F1-4		12/13/95	08:48		X	LOCATION 1 4-6 FT DEPTH	1	Volatile Organic (2240)	
F1-9		12/13/95	08:55		X	LOCATION 1 9-11 FT DEPTH	1		HOLD
F1-14		12/13/95	09:05		X	LOCATION 1 14-16 FT DEPTH	1		HOLD
F2-0		12/13/95	09:16		X	LOCATION 2 0-2 FT DEPTH	1	BTEX (500)	
F2-4		12/13/95	09:25		X	LOCATION 2 4-6 FT DEPTH	1	TVPH (305)	
F2-9		12/13/95	09:30		X	LOCATION 2 9-11 FT DEPTH	1	Volatile Organic (2240)	HOLD
F2-14		12/13/95	09:35		X	LOCATION 2 14-16 FT DEPTH	1		HOLD
F3-0		12/18/95	09:40		X	LOCATION 3 0-2 FT DEPTH	1	BTEX (500)	
Relinquished by:		Date/Time	Received by:		Means of Delivery:		Remarks:		
Name: ERIC MANER		12/15/95	Name: Jane Dukes		PERSONAL DELIVERY				
Signature:		17:05	Signature:						
Company: HWT			Company: HazWaste Technologies						
Relinquished by:		Date/Time	Received by:		Means of Delivery:		Remarks:		
Name:			Name:						
Signature:			Signature:						
Company:			Company:						
HWT Purchase Order Number		8951215-01							

CHAIN OF CUSTODY RECORD

HazWaste Technologies Corporation

Project No.		Project		ANALYSIS REQUIRED				COMMENTS	
Buckley ANG Base FUELING AREA									
Samplers: (Name)		(Signature)							
ERIC MARLER									
ADAM WARREN									
Sample Number	Date	Time	Comp	Grab	Description of Location	No. of Cont.	BTEX (805)	TVPH (805)	Volatile Organics (810)
F3-4	12/13/95	09:45		X	LOCATION 3 4-6 FT DEPTH	1	X	X	X
F3-9	12/13/95	09:50		X	LOCATION 3 9-11 FT DEPTH	1			
F3-14	12/13/95	09:55		X	LOCATION 3 14-16 FT DEPTH	1			
F4-0	12/13/95	10:10		X	LOCATION 4 0-2 FT DEPTH	1	X	X	X
F4-4									
F4-4	12/13/95	10:15		X	LOCATION 4 4-6 FT DEPTH	1	X	X	X
F4-9	12/13/95	10:20		X	LOCATION 4 9-11 FT DEPTH	1			
F4-14	12/13/95	10:25		X	LOCATION 4 14-16 FT DEPTH	1			
F5-0	12/13/95	10:30		X	LOCATION 5 0-2 FT DEPTH	1	X	X	X
F5-4	12/13/95	10:35		X	LOCATION 5 4-6 FT DEPTH	1	X	X	X
Relinquished by:		Date/Time		Received by:		Means of Delivery:		Remarks:	
Name: ERIC MARLER		12/15/95		Name: Jane Dinges		PERSONAL DELIVERY			
Signature: 		17:05		Signature: Jane Dinges					
Company: HWT				Company: HazWaste Technologies					
Relinquished by:		Date/Time		Received by:		Means of Delivery:		Remarks:	
Name:				Name:					
Signature:				Signature:					
Company:				Company:					
HWT Purchase Order Number		P951215-61							


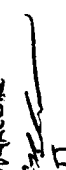


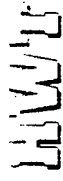
CHAIN OF CUSTODY RECORD

Project No.		Project		ANALYSIS REQUIRED										COMMENTS				
Sample Number		Date	Time	Comp	Grab	Description of Location	No. of Cont.	BTEX (D020)	THN (D020)	Volatile Organics (D020)								
Samplers: (Name) ERIC MARLER ASVIN WARAN (Signature) <i>[Signature]</i>																		
BUCKLEY ANG BASE FUELING AREA																		
F5-9	12/13/95	10:40			X	LOCATION 5	9-11 FT DEPTH	1							STANDARD T/A			
F5-14	12/13/95	10:45			X	LOCATION 5	14-16 FT DEPTH	1							HOLD			
F6-10	12/13/95	13:11			X	LOCATION 6	0-2 FT DEPTH	1	X	X					HOLD			
F6-4	12/13/95	13:20			X	LOCATION 6	4-6 FT DEPTH	1	X	X								
F6-9	12/13/95	13:25			X	LOCATION 6	9-11 FT DEPTH	1							HOLD			
F6-14	12/13/95	13:30			X	LOCATION 6	14-16 FT DEPTH	1							HOLD			
F7-10	12/13/95	13:25			X	LOCATION 7	0-2 FT DEPTH	1	X	X								
F7-4	12/13/95	13:30			X	LOCATION 7	4-6 FT DEPTH	1	X	X								
F7-9																		
F7-9	12/13/95	13:35			X	LOCATION 7	9-11 FT DEPTH	1							HOLD			
Relinquished by:		Date/Time		Received by:				Means of Delivery:				Remarks:						
Name: ERIC MARLER				Name: Jane Dierges				PERSONAL DELIVERY										
Signature: <i>[Signature]</i>				Signature: Jane Dierges														
Company: HWT				Company: HazWaste Technologies														
Relinquished by:		Date/Time		Received by:				Means of Delivery:				Remarks:						
Name:				Name:														
Signature:				Signature:														
Company:				Company:														
HWT Purchase Order Number		P451215-01																

CHAIN OF CUSTODY RECORD

HazWaste Technologies® Corporation

Project No.		Project		ANALYSIS REQUIRED										COMMENTS		
Samplers: (Name)		(Signature)														
ERIC MARLER														STANDARD T/A		
ASVIN WARRAN																
Sample Number	Date	Time	Comp	Grab	Description of Location	No. of Cont.	BTX (B20)	THP (B21)	Volatile Organics (B24)							
F7-14	12/13/95	13:40		X	LOCATION 7	14-16 FT DEPTH	1								HOLD	
F8-0	12/13/95	15:45		X	LOCATION 8	0-2 FT DEPTH	1								HOLD	
F8-4	12/13/95	15:50		X	LOCATION 8	4-6 FT DEPTH	1								HOLD	
F8-9	12/13/95	15:55		X	LOCATION 8	9-11 FT DEPTH	1								HOLD	
F8-14	12/13/95	16:00		X	LOCATION 8	14-16 FT DEPTH	1								HOLD	
F9-0	12/13/95	14:40		X	LOCATION 9	0-2 FT DEPTH	1	X	X	X						
F9-4	12/13/95	14:45		X	LOCATION 9	4-6 FT DEPTH	1								HOLD	
F9-9	12/13/95	14:50		X	LOCATION 9	9-11 FT DEPTH	1								HOLD	
F9-14	12/13/95	14:55		X	LOCATION 9	14-16 FT DEPTH	1	X	X	X						
F10-0	12/13/95	14:55		X	LOCATION 10	0-2 FT DEPTH	1	X	X	X						
Relinquished by:		Name: ERIC MARLER		Date/Time		Received by:		Name: Jane Dinges		Date/Time		Means of Delivery:		Remarks:		
Signature: 		12/15/95		12:05		Signature: Jane Dinges		12/15/95		17:05		PERSONAL DELIVERY				
Company: HWT						Company: Applique										
Relinquished by:		Name:		Date/Time		Received by:		Name:		Date/Time		Means of Delivery:		Remarks:		
Signature:						Signature:										
Company:						Company:										
HWT Purchase Order Number 9851215-01																

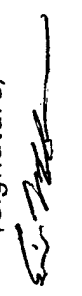



CHAIN OF CUSTODY RECORD

Project No. Project		ANALYSIS REQUIRED				COMMENTS
Buckley ANG Base Fueling Area		BTX (POLY)	TPH (POLY)	Volatile Organics (P240)		
Samplers: (Name) (Signature)						
ERIC MARLEN						
ASVIN WARR						
Sample Number	Date	Time	Comp	Grab	Description of Location	No. of Cont.
F10-4	12/13/95	14:55		X	LOCATION 10 4-6 FT DEPTH	1
F10-7	12/13/95	14:58		X	LOCATION 10 9-11 FT DEPTH	1
F10-14	12/13/95	15:00		X	LOCATION 10 14-16 FT DEPTH	1
F11-0	12/13/95	15:03		X	LOCATION 11 0-2 FT DEPTH	1
F11-1	12/13/95	15:10		X	LOCATION 11 4-6 FT DEPTH	1
F11-7	12/13/95	15:15		X	LOCATION 11 9-11 FT DEPTH	1
F11-14	12/13/95	15:20		X	LOCATION 11 14-16 FT DEPTH	1
751213-02	12/13/95			X	DECON BLANK	1
TRIP BLANK				X	TRIP BLANK	2
Relinquished by:		Date/Time		Received by:		Remarks:
Name: ERIC MARLEN		12/15/95		Name: Jane Dinges		
Signature: [Signature]		17:05		Signature: Jane Dinges		Remarks:
Company: [Signature]				Company: HazWaste Technologies		
Relinquished by:		Date/Time		Received by:		Remarks:
Name: [Signature]				Name: [Signature]		
Signature: [Signature]				Signature: [Signature]		Remarks:
Company: [Signature]				Company: [Signature]		
HWT Purchase Order Number:		9951215-01				

CHAIN OF CUSTODY RECORD

HazWaste Technologies Corporation

Project No.		Project		ANALYSIS REQUIRED				COMMENTS	
Buckley ANG Base - Fueling Area									
Samplers: (Name)		(Signature)							
ERIC MARLER									
ASVIN WARAN									
Sample Number	Date	Time	Comp	Grab	Description of Location	No. of Cont.	BTEX (GAS)	TPH (GAS)	Volatile Organics (GAS)
F15-0	12/14/95	07:55		X	LOCATION 15 0-2 FT DEPTH	1	X	X	X
F15-4	12/14/95	08:00		X	LOCATION 15 4-6 FT DEPTH	1			
F15-9	12/14/95	08:05		X	LOCATION 15 9-11 FT DEPTH	1	X	X	
F15-14	12/14/95	08:10		X	LOCATION 15 14-16 FT DEPTH	1			
F16-0	12/14/95	08:25		X	LOCATION 16 0-2 FT DEPTH	1	X	X	
F16-4	12/14/95	08:30		X	LOCATION 16 4-6 FT DEPTH	1	X	X	
F16-9	12/14/95	08:35		X	LOCATION 16 9-11 FT DEPTH	1			
F16-14	12/14/95	08:40		X	LOCATION 16 14-16 FT DEPTH	1	X	X	
F17-0	12/14/95	08:55		X	LOCATION 17 0-2 FT DEPTH	1	X	X	
F17-4	12/14/95	09:00		X	LOCATION 17 4-6 FT DEPTH	1			
Relinquished by:		Date/Time		Received by:		Means of Delivery:		Remarks:	
Name: ERIC MARLER		12/15/95		Name: Jane Dingess		PERSONAL DELIVERY			
Signature: 		17:05		Signature: Jane Dingess		425 1705			
Company: HWT				Company: Hazardous Waste					
Relinquished by:		Date/Time		Received by:		Means of Delivery:		Remarks:	
Name:				Name:					
Signature:				Signature:					
Company:				Company:					
HWT Purchase Order Number		9451215-01							

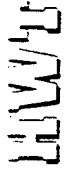


CHAIN OF CUSTODY RECORD

Project No.		Project		ANALYSIS REQUIRED										COMMENTS		
Samplers: (Name)		(Signature)														
ERIC MARLEN																
ASVIN WARAN																
Sample Number	Date	Time	Comp	Grab	Description of Location	No. of Cont.	STX	TH	Volatile Organics							
F17-9	12/14/95	09:05		X	LOCATION 17 9-11 FT DEPTH	1										STANDARD T/A
F17-14	12/14/95	09:10		X	LOCATION 17 14-16 FT DEPTH	1										HOLD
F18-0	12/14/95	09:32		X	LOCATION 18 0-2 FT DEPTH	1	X	X	X							HOLD
F18-4	12/14/95	09:35		X	LOCATION 18 4-6 FT DEPTH	1										HOLD
F18-9	12/14/95	09:40		X	LOCATION 18 9-11 FT DEPTH	1	X	X	X							HOLD
F18-14	12/14/95	09:45		X	LOCATION 18 14-16 FT DEPTH	1										HOLD
F19-0	12/14/95	10:00		X	LOCATION 19 0-2 FT DEPTH	1	X	X	X							HOLD
F19-4	12/14/95	10:05		X	LOCATION 19 4-6 FT DEPTH	1										HOLD
F19-9	12/14/95	10:10		X	LOCATION 19 9-11 FT DEPTH	1										HOLD
F19-14	12/14/95	10:15		X	LOCATION 19 14-16 FT DEPTH	1										HOLD
Relinquished by:		Date/Time		Received by:		Means of Delivery:										Remarks:
Name: ERIC MARLEN		12/15/95		Name: Jaree Dirges		Personal Delivery										
Signature:		17:05		Signature: Jaree Dirges		12/15/95										
Company: HWT				Company: HazWaste Technologies												
Relinquished by:		Date/Time		Received by:		Means of Delivery:										Remarks:
Name:				Name:												
Signature:				Signature:												
Company:				Company:												
HWT Purchase Order Number		1951215-01		1951215-01												

CHAIN OF CUSTODY RECORD

Project No.		Project		ANALYSIS REQUIRED		COMMENTS	
Sample Number		Date	Time	Comp	Grab	Description of Location	No. of Cont.
F19		12/14/95	10:35			LOCATION 20 0-2 FT DEPTH	1
F20-0		12/14/95	10:40			LOCATION 20 4-6 FT DEPTH	1
F20-9		12/14/95	10:45			LOCATION 20 9-11 FT DEPTH	1
F20-14		12/14/95	10:50			LOCATION 20 14-16 FT DEPTH	1
F12-0		12/14/95	12:40			LOCATION 12 0-2 FT DEPTH	1
F12-4		12/14/95	12:45			LOCATION 12 4-6 FT DEPTH	1
F12-9		12/14/95	12:50			LOCATION 12 9-11 FT DEPTH	1
F12-14		12/14/95	12:55			LOCATION 12 14-16 FT DEPTH	1
F13-0		12/14/95	13:00			LOCATION 13 0-2 FT DEPTH	1
Relinquished by:		Date/Time	Received by:		Means of Delivery:		
Name: ERIC MARLER		12/15/95	Name: Jane Dinges		PERSONAL DELIVERY		
Signature: [Signature]			Signature: Jane Dinges				
Company: [Signature]			Company: HazWaste Technologies, Inc.				
Relinquished by:		Date/Time	Received by:		Means of Delivery:		
Name:			Name:				
Signature:			Signature:				
Company:			Company:				
HWT Purchase Order Number							



CHAIN OF CUSTODY RECORD

Project No.		Project		ANALYSIS REQUIRED		COMMENTS	
Samplers: (Name)		(Signature)					
ERIC MARLER		ASVIN WARRAN					
Sample Number	Date	Time	Comp	Grab	Description of Location	No. of Cont.	
F13-4	12/14/95	13:05		X	LOCATION 13 4-6 FT DEPTH	1	STANDARD T/A
F13-9	12/14/95	13:10		X	LOCATION 13 9-11 FT DEPTH	1	HOLD
F13-14	12/14/95	13:15		X	LOCATION 13 14-16 FT DEPTH	1	HOLD
F14-0	12/14/95	13:22		X	LOCATION 14 0-2 FT DEPTH	1	HOLD
F14-4	12/14/95	13:25		X	LOCATION 14 4-6 FT DEPTH	1	HOLD
F14-9	12/14/95	13:30		X	LOCATION 14 9-11 FT DEPTH	1	HOLD
F14-14	12/14/95	13:35		X	LOCATION 14 14-16 FT DEPTH	1	HOLD
F21-0	12/14/95	14:18		X	LOCATION 21 0-2 FT DEPTH	1	HOLD
F21-4	12/14/95	14:25		X	LOCATION 21 4-6 FT DEPTH	1	HOLD
F21-9	12/14/95	14:30		X	LOCATION 21 9-11 FT DEPTH	1	HOLD
Relinquished by:				Date/Time		Received by:	
Name: ERIC MARLER				17:05		Name: Jane Dinges	
Signature: [Signature]				12/15/95		Signature: Jane Dinges	
Company: HWT						Company: HazWaste Technologies	
Relinquished by:				Date/Time		Received by:	
Name:						Name:	
Signature:						Signature:	
Company:						Company:	
HWT Purchase Order Number				7950		P951215-01	

CHAIN OF CUSTODY RECORD

HazWaste Technologies® Corporation

Project No.		Project		ANALYSIS REQUIRED										COMMENTS			
Samplers: (Name)		(Signature)															
ERIC MARLEN		ASUN NARAN															
Sample Number	Date	Time	Comp	Grab	Description of Location	No. of Cont.	BTEX	TPH	Volatile Organics								
F21-N	12/14/95	14:35		X	LOCATION 21 14-16 FT DEPTH	1										STANDARD T/A	
951214-01	12/14/95	10:35		X	DECON BLANK	1	X	X	X								
951214-02	12/14/95	10:35		X	DECON BLANK	1	X	X	X								
951214-03	12/14/95	14:25		X	DECON BLANK	1	X	X	X								
951214-10	12/14/95	14:50		X	INVESTIGATION DERIVED WASTE DRUM	1										HOLD	
B _G	12/14/95	07:45		X	BACKGROUND LOCATION 0-2 FT DEPTH	1	X	X	X								
TRIP BLANK				X		2	X	X	X								
Relinquished by: ERIC MARLEN		Date/Time		Received by:		Means of Delivery:		Remarks:									
Name:		17:05		Name: Gene Dingers		FURNACE DELIVERY											
Signature:		12/15/95		Signature: Gene Dingers		12-15-95 17:25											
Company: HWT				Company: Hydrologic													
Relinquished by:		Date/Time		Received by:		Means of Delivery:		Remarks:									
Name:				Name:													
Signature:				Signature:													
Company:				Company:													
HWT Purchase Order Number		951215-01															

QC

DATA

PACKAGE

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5333-1
Site / Project ID: Not Reported
Run ID: R2752
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 13:31							
Workgroup Number: WG5333							
Acetone	67-64-1	1	ND	ug/L	U	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	U	.5	100
Acrolein	107-02-8	1	ND	ug/L	U	.5	100
Acrylonitrile	107-13-1	1	ND	ug/L	U	.5	100
Allyl chloride	107-05-1	1	ND	ug/L	U	.5	5
Benzene	71-43-2	1	ND	ug/L	U	.39	5
Benzyl chloride	100-44-7	1	ND	ug/L	U	.5	100
Bromodichloromethane	75-27-4	1	ND	ug/L	U	.64	5
Bromoform	75-25-2	1	ND	ug/L	U	.47	5
Bromomethane	74-83-9	1	ND	ug/L	U	.49	10
2-Butanone	78-93-3	1	ND	ug/L	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/L	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	U	.5	5
Chloroethane	75-00-3	1	ND	ug/L	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	U	.5	10
Chloroform	67-66-3	1	ND	ug/L	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.5	5
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	U	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	5

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5333-1
Site / Project ID: Not Reported
Run ID: R2752
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/L	U	.75	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	U	.5	5
2-Hexanone	591-78-6	1	ND	ug/L	U	.5	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	U	.5	100
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	100
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	5
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	5
Methyl methacrylate	80-62-6	1	ND	ug/L	U	.5	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	50
Pentachloroethane	76-01-7	1	ND	ug/L	U	.5	10
Propionitrile	107-12-0	1	ND	ug/L	U	.5	100
Styrene	100-42-5	1	ND	ug/L	U	.72	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	U	.45	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/L	U	.49	5
Toluene	108-88-3	1	ND	ug/L	U	.85	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/L	U	.42	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	5
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	50
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	2
Xylene (Total)	1330-20-7	1	ND	ug/L	U	.5	5
Dibromofluoromethane	SURROGATE	1	97	%			
Toluene-d8	SURROGATE	1	95	%			
4-Bromofluorobenzene	SURROGATE	1	90	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

vbb9512191

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5334-1
Site / Project ID: Not Reported
Run ID: R2856
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 10:17							
Workgroup Number: WG5334							
Acetone	67-64-1	1	ND	ug/L	U	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	U	.5	100
Acrolein	107-02-8	1	ND	ug/L	U	.5	100
Acrylonitrile	107-13-1	1	ND	ug/L	U	.5	100
Allyl chloride	107-05-1	1	ND	ug/L	U	.5	5
Benzene	71-43-2	1	ND	ug/L	U	.39	5
Benzyl chloride	100-44-7	1	ND	ug/L	U	.5	100
Bromodichloromethane	75-27-4	1	ND	ug/L	U	.64	5
Bromoform	75-25-2	1	ND	ug/L	U	.47	5
Bromomethane	74-83-9	1	ND	ug/L	U	.49	10
2-Butanone	78-93-3	1	ND	ug/L	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/L	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	U	.5	5
Chloroethane	75-00-3	1	ND	ug/L	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	U	.5	10
Chloroform	67-66-3	1	ND	ug/L	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.5	5
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	U	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	5

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5334-1
Site / Project ID: Not Reported
Run ID: R2856
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/L	U	.75	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	U	.5	5
2-Hexanone	591-78-6	1	ND	ug/L	U	.5	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	U	.5	100
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	100
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	5
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	5
Methyl methacrylate	80-62-6	1	ND	ug/L	U	.5	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	50
Pentachloroethane	76-01-7	1	ND	ug/L	U	.5	10
Propionitrile	107-12-0	1	ND	ug/L	U	.5	100
Styrene	100-42-5	1	ND	ug/L	U	.72	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	U	.45	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/L	U	.49	5
Toluene	108-88-3	1	ND	ug/L	U	.85	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/L	U	.42	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	5
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	50
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	2
Xylene (Total)	1330-20-7	1	ND	ug/L	U	.5	5
Dibromofluoromethane	SURROGATE	1	91	%			
Toluene-d8	SURROGATE	1	99	%			
4-Bromofluorobenzene	SURROGATE	1	100	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

vba9512211

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5336-1
Site / Project ID: Not Reported
Run ID: R2908
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 19:39							
Workgroup Number: WG5336							
Acetone	67-64-1	1	ND	ug/Kg	U	.5	100
Benzene	71-43-2	1	ND	ug/Kg	U	.39	5
Bromodichloromethane	75-27-4	1	ND	ug/Kg	U	.5	5
Bromoform	75-25-2	1	ND	ug/Kg	U	.47	5
Bromomethane	74-83-9	1	ND	ug/Kg	U	.49	10
2-Butanone	78-93-3	1	ND	ug/Kg	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/Kg	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/Kg	U	.5	5
Chloroethane	75-00-3	1	ND	ug/Kg	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/Kg	U	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/Kg	U	2	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/Kg	U	.5	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/Kg	U	.5	5
1,4-Dichlorobenzene	106-46-7	1	ND	ug/Kg	U	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/Kg	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/Kg	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	U	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	U	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	U	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/Kg	U	.5	50
Styrene	100-42-5	1	ND	ug/Kg	U	.72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/Kg	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	U	.49	5
Toluene	108-88-3	1	ND	ug/Kg	U	.85	5

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5336-1
Site / Project ID: Not Reported
Run ID: R2908
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	1	ND	ug/Kg	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/Kg	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/Kg	U	.42	5
Trichlorofluoromethane	75-69-4	1	ND	ug/Kg	U	.5	5
Vinyl chloride	75-01-4	1	ND	ug/Kg	U	.47	2
Xylene (Total)	1330-20-7	1	ND	ug/Kg	U	.5	5
Dibromofluoromethane	SURROGATE	1	103	%			
Toluene-d8	SURROGATE	1	95	%			
4-Bromofluorobenzene	SURROGATE	1	86	%			

VOAs by GC/MS

Preparation Date: 27-DEC-95

Analysis Date: 27-DEC-95 19:39

Workgroup Number: WG5336

Benzene	71-43-2	1	ND	ug/Kg	U	.39	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	U	.44	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
Toluene	108-88-3	1	ND	ug/Kg	U	.85	5
Trichloroethene	79-01-6	1	ND	ug/Kg	U	.42	5
Dibromofluoromethane	SURROGATE	1	103	%			
Toluene-d8	SURROGATE	1	95	%			
4-Bromofluorobenzene	SURROGATE	1	86	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

vvbb9512272

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5337-1
Site / Project ID: Not Reported
Run ID: R2908
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 13:18							
Workgroup Number: WG5337							
Acetone	67-64-1	1	ND	ug/Kg	U	.5	100
Benzene	71-43-2	1	ND	ug/Kg	U	.39	5
Bromodichloromethane	75-27-4	1	ND	ug/Kg	U	.5	5
Bromoform	75-25-2	1	ND	ug/Kg	U	.47	5
Bromomethane	74-83-9	1	ND	ug/Kg	U	.49	10
2-Butanone	78-93-3	1	ND	ug/Kg	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/Kg	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/Kg	U	.5	5
Chloroethane	75-00-3	1	ND	ug/Kg	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/Kg	U	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/Kg	U	.2	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/Kg	U	.5	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/Kg	U	.5	5
1,4-Dichlorobenzene	106-46-7	1	ND	ug/Kg	U	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/Kg	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/Kg	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	U	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	U	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	U	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/Kg	U	.5	50
Styrene	100-42-5	1	ND	ug/Kg	U	.72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/Kg	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	U	.49	5
Toluene	108-88-3	1	ND	ug/Kg	U	.85	5

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

bb9512281

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5337-1
Site / Project ID: Not Reported
Run ID: R2908
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	1	ND	ug/Kg	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/Kg	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/Kg	U	.42	5
Trichlorofluoromethane	75-69-4	1	ND	ug/Kg	U	.5	5
Vinyl chloride	75-01-4	1	ND	ug/Kg	U	.47	2
Xylene (Total)	1330-20-7	1	ND	ug/Kg	U	.5	5
Dibromofluoromethane	SURROGATE	1	95	%			
Toluene-d8	SURROGATE	1	99	%			
4-Bromofluorobenzene	SURROGATE	1	88	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

vvbb9512281

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5338-1
Site / Project ID: Not Reported
Run ID: R2912
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 22:17							
Workgroup Number: WG5338							
Acetone	67-64-1	1	ND	ug/Kg	U	.5	100
Benzene	71-43-2	1	ND	ug/Kg	U	.39	5
Bromodichloromethane	75-27-4	1	ND	ug/Kg	U	.5	5
Bromoform	75-25-2	1	ND	ug/Kg	U	.47	5
Bromomethane	74-83-9	1	ND	ug/Kg	U	.49	10
2-Butanone	78-93-3	1	ND	ug/Kg	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/Kg	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/Kg	U	.5	5
Chloroethane	75-00-3	1	ND	ug/Kg	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/Kg	U	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/Kg	U	2	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/Kg	U	.5	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/Kg	U	.5	5
1,4-Dichlorobenzene	106-46-7	1	ND	ug/Kg	U	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/Kg	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/Kg	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	U	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	U	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	U	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/Kg	U	.5	50
Styrene	100-42-5	1	ND	ug/Kg	U	.72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/Kg	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	U	.49	5
Toluene	108-88-3	1	ND	ug/Kg	U	.85	5

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
 Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
 Project Number: Not Reported
 Sample ID: WG5338-1
 Site / Project ID: Not Reported
 Run ID: R2912
 Collection Date: Not Reported
 Received Date: 08-JAN-96
 Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	1	ND	ug/Kg	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/Kg	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/Kg	U	.42	5
Trichlorofluoromethane	75-69-4	1	ND	ug/Kg	U	.5	5
Vinyl chloride	75-01-4	1	ND	ug/Kg	U	.47	2
Xylene (Total)	1330-20-7	1	ND	ug/Kg	U	.5	5
Dibromofluoromethane	SURROGATE	1	97	%			
Toluene-d8	SURROGATE	1	94	%			
4-Bromofluorobenzene	SURROGATE	1	81	%			

VOAs by GC/MS

Preparation Date: 26-DEC-95
 Analysis Date: 26-DEC-95 22:17
 Workgroup Number: WG5338

Benzene	71-43-2	1	ND	ug/Kg	U	.39	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	U	.44	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
Toluene	108-88-3	1	ND	ug/Kg	U	.85	5
Trichloroethene	79-01-6	1	ND	ug/Kg	U	.42	5
Dibromofluoromethane	SURROGATE	1	97	%			
Toluene-d8	SURROGATE	1	94	%			
4-Bromofluorobenzene	SURROGATE	1	81	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

vvbb9512261

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5339-1
Site / Project ID: Not Reported
Run ID: R2912
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 12:39							
Workgroup Number: WG5339							
Acetone	67-64-1	1	ND	ug/Kg	U	.5	100
Benzene	71-43-2	1	ND	ug/Kg	U	.39	5
Bromodichloromethane	75-27-4	1	ND	ug/Kg	U	.5	5
Bromoform	75-25-2	1	ND	ug/Kg	U	.47	5
Bromomethane	74-83-9	1	ND	ug/Kg	U	.49	10
2-Butanone	78-93-3	1	ND	ug/Kg	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/Kg	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/Kg	U	.5	5
Chloroethane	75-00-3	1	ND	ug/Kg	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/Kg	U	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/Kg	U	2	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/Kg	U	.5	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/Kg	U	.5	5
1,4-Dichlorobenzene	106-46-7	1	ND	ug/Kg	U	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/Kg	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/Kg	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	U	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	U	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	U	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/Kg	U	.5	50
Styrene	100-42-5	1	ND	ug/Kg	U	.72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/Kg	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	U	.49	5
Toluene	108-88-3	1	ND	ug/Kg	U	.85	5

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5339-1
Site / Project ID: Not Reported
Run ID: R2912
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	1	ND	ug/Kg	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/Kg	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/Kg	U	.42	5
Trichlorofluoromethane	75-69-4	1	ND	ug/Kg	U	.5	5
Vinyl chloride	75-01-4	1	ND	ug/Kg	U	.47	2
Xylene (Total)	1330-20-7	1	ND	ug/Kg	U	.5	5
Dibromofluoromethane	SURROGATE	1	111	%			
Toluene-d8	SURROGATE	1	95	%			
4-Bromofluorobenzene	SURROGATE	1	93	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

vvbb9512271

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: W65222-1
Site / Project ID: Not Reported
Run ID: R2806
Collection Date: Not Reported
Received Date: 22-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8015M							
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 09:31							
Workgroup Number: W65222							
GRO	N/A	1	ND	mg/Kg	U	.05	.1
Bromofluorobenzene	SURROGATE	1	106	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5223-1
Site / Project ID: Not Reported
Run ID: R2806
Collection Date: Not Reported
Received Date: 22-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8015M							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 10:09							
Workgroup Number: WG5223							
GRO	N/A	1	ND	mg/Kg	U	.05	.1
Bromofluorobenzene	SURROGATE	1	109	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5224-1
Site / Project ID: Not Reported
Run ID: R2806
Collection Date: Not Reported
Received Date: 22-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 09:55							
Workgroup Number: WG5224							
GRO	N/A	1	ND	mg/Kg	U	.05	.1
Bromofluorobenzene	SURROGATE	1	108	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5225-1
Site / Project ID: Not Reported
Run ID: R2807
Collection Date: Not Reported
Received Date: 22-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 09:31							
Workgroup Number: WG5225							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	U	.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	106	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5226-1
Site / Project ID: Not Reported
Run ID: R2807
Collection Date: Not Reported
Received Date: 22-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 10:09							
Workgroup Number: WG5226							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	U	.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	109	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5227-1
Site / Project ID: Not Reported
Run ID: R2807
Collection Date: Not Reported
Received Date: 22-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 09:55							
Workgroup Number: WG5227							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	U	.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	108	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5240-1
Site / Project ID: Not Reported
Run ID: R2821
Collection Date: Not Reported
Received Date: 27-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 16:05							
Workgroup Number: WG5240							
GRO	N/A	1	ND	mg/Kg	U	.05	.1
Bromofluorobenzene	SURROGATE	1	108	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5241-1
Site / Project ID: Not Reported
Run ID: R2821
Collection Date: Not Reported
Received Date: 27-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8015M							
Preparation Date: 22-DEC-95							
Analysis Date: 22-DEC-95 09:42							
Workgroup Number: WG5241							
GRO	N/A	1	ND	mg/Kg	U	.05	.1
Bromofluorobenzene	SURROGATE	1	112	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5242-1
Site / Project ID: Not Reported
Run ID: R2821
Collection Date: Not Reported
Received Date: 27-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8015M							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 10:13							
Workgroup Number: WG5242							
GRO	N/A	1	ND	mg/Kg	U	.05	.1
Bromofluorobenzene	SURROGATE	1	103	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5244-1
Site / Project ID: Not Reported
Run ID: R2823
Collection Date: Not Reported
Received Date: 27-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 16:05							
Workgroup Number: WG5244							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	U	.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	108	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5246-1
Site / Project ID: Not Reported
Run ID: R2823
Collection Date: Not Reported
Received Date: 27-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 22-DEC-95							
Analysis Date: 22-DEC-95 09:42							
Workgroup Number: WG5246							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	U	.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	112	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5247-1
Site / Project ID: Not Reported
Run ID: R2823
Collection Date: Not Reported
Received Date: 27-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 10:13							
Workgroup Number: WG5247							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	U	.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	103	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5256-1
Site / Project ID: Not Reported
Run ID: R2839
Collection Date: Not Reported
Received Date: 29-DEC-95
Report Date: 29-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 09:29							
Workgroup Number: WG5256							
Benzene	71-43-2	1	ND	ug/L	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/L	U	.079	1
Toluene	108-88-3	1	ND	ug/L	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/L	U	.3	2
o-Xylene	95-47-6	1	ND	ug/L	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	105	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5257-1
Site / Project ID: Not Reported
Run ID: R2839
Collection Date: Not Reported
Received Date: 29-DEC-95
Report Date: 29-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 09:36							
Workgroup Number: WG5257							
Benzene	71-43-2	1	ND	ug/L	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/L	U	.079	1
Toluene	108-88-3	1	ND	ug/L	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/L	U	.3	2
o-Xylene	95-47-6	1	ND	ug/L	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	100	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5258-1
Site / Project ID: Not Reported
Run ID: R2840
Collection Date: Not Reported
Received Date: 29-DEC-95
Report Date: 29-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8015 Mod. Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 09:29 Workgroup Number: WG5258							
GRO	N/A	1	ND	mg/L	U	.05	.1
Bromofluorobenzene	SURROGATE	1	105	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5259-1
Site / Project ID: Not Reported
Run ID: R2840
Collection Date: Not Reported
Received Date: 29-DEC-95
Report Date: 29-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8015 Mod. Preparation Date: 28-DEC-95 Analysis Date: 28-DEC-95 09:36 Workgroup Number: WG5259							
GRO	N/A	1	ND	mg/L	U	.05	.1
Bromofluorobenzene	SURROGATE	1	100	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: WG5336-2
Run Id: R2908
GALP Record Id: Not Reported
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	LCS Add	LCSD Add	Units	LCS %REC	LCSD %REC	LCS/LCSD RPD	QUAL (1)
VOAs by GC/MS											
Preparation Date: 27-DEC-95											
Analysis Date: 27-DEC-95 20:57											
Workgroup Number: WG5336											
Benzene	71-43-2	76	127	13	50	50	ug/Kg	98	98	0	---
Chlorobenzene	108-90-7	75	130	13	50	50	ug/Kg	102	102	0	---
1,1-Dichloroethene	75-35-4	61	145	14	50	50	ug/Kg	106	106	0	---
Toluene	108-88-3	59	139	21	50	50	ug/Kg	90	92	2	---
Trichloroethene	79-01-6	62	137	24	50	50	ug/Kg	106	108	2	---

Note:
Report Approved By: Randy Greaves

Note:
Technical Review By: Ty Garber

(1) QUAL
 "Limits"
 "LCS, SD Add"
 "LCS %REC"
 "LCSD %REC"
 "LCS/LCSD RPD"
 NR
 - * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
 - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 - The conc. of analyte added to the LCS or LCSD sample.
 - Laboratory Control Sample Percent Recovery
 - Laboratory Control Sample Duplicate Percent Recovery
 - Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
 - Not Reported

vvsb9512271

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: W65338-2
Run Id: R2912
GALP Record Id: Not Reported
Preparation Date: 26-DEC-95
Analysis Date: 26-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	LCS Add	LCSD Add	Units	LCS %REC	LCSD %REC	LCS/LCSD RPD	QUAL (1)
VOAs by GC/MS											
Preparation Date: 26-DEC-95											
Analysis Date: 26-DEC-95 22:57											
Workgroup Number: W65338											
Benzene	71-43-2	76	127	13	50	50	ug/kg	94	96	2	---
Chlorobenzene	108-90-7	75	130	13	50	50	ug/kg	86	90	5	---
1,1-Dichloroethene	75-35-4	61	145	14	50	50	ug/kg	86	86	0	---
Toluene	108-88-3	59	139	21	50	50	ug/kg	88	90	2	---
Trichloroethene	79-01-6	62	137	24	50	50	ug/kg	80	82	2	---

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
"Limits"
"LCS, SD Add"
"LCS %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

- * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the LCS or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
- Not Reported

vwsb9512261

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: WG5222-2
Run Id: R2806
GALP Record Id: Not Reported
Preparation Date: 19-DEC-95
Analysis Date: 19-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	LCS Add	LCSD Add	Units	LCS %REC	LCSD %REC	LCS/LCSD RPD	QUAL (1)
---------	---------	-----------	------------	-----------	---------	----------	-------	----------	-----------	--------------	----------

SW846 Method 5030/8015M
Preparation Date: 19-DEC-95
Analysis Date: 19-DEC-95 08:12
Workgroup Number: WG5222
GRO

N/A		70	130	25	5	5	mg/Kg	103	106	3	---
-----	--	----	-----	----	---	---	-------	-----	-----	---	-----

Note:
Report Approved By: Randy Greaves

Technical Review By: Ty Garber

(1) QUAL
"Limits"
"LCS,SD Add"
"LCS %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

* = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the LCS or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
- Not Reported

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: W65225-2
Run Id: R2807
GALP Record Id: Not Reported
Preparation Date: 19-DEC-95
Analysis Date: 19-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	LCS Add	LCSD Add	Units	LCS %REC	LCSD %REC	LCS/LCSD RPD	QUAL (1)
SW846 Method 5030/8020											
Preparation Date: 19-DEC-95											
Analysis Date: 19-DEC-95 08:52											
Workgroup Number: W65225											
Benzene	71-43-2	66	142	21	20	20	ug/Kg	101	87	15	---
Ethylbenzene	100-41-4	55	150	25	20	20	ug/Kg	106	102	4	---
Toluene	108-88-3	59	139	21	20	20	ug/Kg	107	107	0	---
(m,p)-Xylene	108-38-3	55	150	25	40	40	ug/Kg	107	104	3	---
o-Xylene	95-47-6	55	150	25	20	20	ug/Kg	103	101	2	---

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
"Limits"
"LCS, SD Add"
"LCS %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

- * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the LCS or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
- Not Reported

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: WG5240-2
Run Id: R2821
GALP Record Id: Not Reported
Preparation Date: 21-DEC-95
Analysis Date: 21-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	LCS Add	LCSD Add	Units	LCS %REC	LCSD %REC	LCS/LCSD RPD	QUAL (1)
SW846 Method 5030/8015M Preparation Date: 21-DEC-95 Analysis Date: 21-DEC-95 14:43 Workgroup Number: WG5240 GRO	N/A	70	130	25	5	5	mg/Kg	101	89	13	---

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
 "Limits"
 "LCS,SD Add"
 "LCS %REC"
 "LCSD %REC"
 "LCS/LCSD RPD"
 NR

- * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
 - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 - The conc. of analyte added to the LCS or LCSD sample.
 - Laboratory Control Sample Percent Recovery
 - Laboratory Control Sample Duplicate Percent Recovery
 - Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
 - Not Reported

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: W65244-2
Run Id: R2823
GALP Record Id: Not Reported
Preparation Date: 21-DEC-95
Analysis Date: 21-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	LCS Add	LCSD Add	Units	LCS %REC	LCSD %REC	LCS/LCSD RPD	QUAL (1)
SW846 Method 5030/8020											
Preparation Date: 21-DEC-95											
Analysis Date: 21-DEC-95 15:24											
Workgroup Number: W65244											
Benzene	71-43-2	66	142	21	20	20	ug/Kg	97	100	3	---
Ethylbenzene	100-41-4	55	150	25	20	20	ug/Kg	107	104	3	---
Toluene	108-88-3	59	139	21	20	20	ug/Kg	107	109	2	---
(m,p)-Xylene	108-38-3	55	150	25	40	40	ug/Kg	108	107	1	---
o-Xylene	95-47-6	55	150	25	20	20	ug/Kg	104	101	3	---

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
"Limits"
"LCS, SD Add"
"LCS %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

- * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the LCS or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
- Not Reported

1-1 = Value Within Control Limits

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: WG5256-2
Run Id: R2839
GALP Record Id: Not Reported
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95
Report Date: 29-DEC-95

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	LCS Add	LCSD Add	Units	LCS %REC	LCSD %REC	LCS/LCSD RPD	QUAL (1)
SW846 Methods 5030/8020											
Preparation Date: 27-DEC-95											
Analysis Date: 27-DEC-95 08:50											
Workgroup Number: WG5256											
Benzene	71-43-2	76	127	20	20	20	ug/L	92	101	9	---
Ethylbenzene	100-41-4	70	140	20	20	20	ug/L	98	102	4	---
Toluene	108-88-3	76	125	20	20	20	ug/L	100	103	3	---
(m,p)-Xylene	108-38-3	70	140	20	40	40	ug/L	100	104	4	---
o-Xylene	95-47-6	70	140	20	20	20	ug/L	95	96	1	---

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
 - * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
 - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 - The conc. of analyte added to the LCS or LCSD sample.
 - Laboratory Control Sample Percent Recovery
 - Laboratory Control Sample Duplicate Percent Recovery
 - Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
 NR
 - Not Reported

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: W65258-2
Run Id: R2840
GALP Record Id: Not Reported
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95
Report Date: 29-DEC-95

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	LCS Add	LCSD Add	Units	LCS %REC	LCSD %REC	LCS/LCSD RPD	QUAL (1)
SW846 Method 5030/8015 Mod. Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 08:10 Workgroup Number: W65258 GRO	N/A	70	130	25	5	5	mg/L	89	100	12	---

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
"Limits"
"LCS, SD Add"
"LCS %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

- * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the LCS or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
- Not Reported

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: Hydrologic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: W65336-4
Run Id: R2908
GALP Record Id: Not Reported
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	MS Add	MSD Add	Units	Sample Conc	MS %REC	MSD %REC	MS/MSD RPD	QUAL (1)
VOAs by GC/MS												
Preparation Date: 27-DEC-95												
Analysis Date: 27-DEC-95 22:16												
Workgroup Number: W65336												
Benzene	71-43-2	76	127	13	100	100	ug/Kg	ND	89	99	11	----
Chlorobenzene	108-90-7	75	130	13	100	100	ug/Kg	ND	95	93	2	----
1,1-Dichloroethene	75-35-4	61	145	14	100	100	ug/Kg	ND	110	120	9	----
Toluene	108-88-3	59	139	21	100	100	ug/Kg	5.8	78	82	5	----
Trichloroethene	79-01-6	62	137	24	100	100	ug/Kg	ND	95	90	5	----

Note:
Report Approved By: Randy Greaves

Technical Review By: Ty Garber

- (1) QUAL - * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits; ! = Value Within Control Limits
- (1) QUAL - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
- "Limits" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- "MS, MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
- "Sample Conc" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
- "MS %REC" - Matrix Spike Percent Recovery
- "MSD %REC" - Matrix Spike Duplicate Percent Recovery
- "MS/MSD RPD" - Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
- NR - Not Reported
- ND - Analyte "Not Detected" above the method detection limit.

12397-56ms

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: WG5338-4
Run Id: R2912
GALP Record Id: Not Reported
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	MS Add	MSD Add	Units	Sample Conc	MS %REC	MSD %REC	MS/MSD RPD	QUAL (1)
VOAs by GC/MS												
Preparation Date: 27-DEC-95												
Analysis Date: 27-DEC-95 00:17												
Workgroup Number: WG5338												
Benzene	71-43-2	76	127	13	100	100	ug/Kg	13	107	87	21	--a-
Chlorobenzene	108-90-7	75	130	13	100	100	ug/Kg	ND	92	87	6	----
1,1-Dichloroethene	75-35-4	61	145	14	100	100	ug/Kg	ND	94	91	3	----
Toluene	108-88-3	59	139	21	100	100	ug/Kg	7.4	103	86	18	----
Trichloroethene	79-01-6	62	137	24	100	100	ug/Kg	ND	88	80	10	----

Note:
Technical Review By: Ty Garber
Report Approved By: Randy Greaves

- (1) QUAL
(1) QUAL
"Limits"
"MS, MSD Add"
"Sample Conc"
"MS %REC"
"MSD %REC"
"MS/MSD RPD"
NR
ND
- * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits
 - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
 - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
 - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
 - Matrix Spike Percent Recovery
 - Matrix Spike Duplicate Percent Recovery
 - Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
 - Not Reported
 - Analyte "Not Detected" above the method detection limit.

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: W65222-4
Run Id: R2806
GALP Record Id: Not Reported
Preparation Date: 19-DEC-95
Analysis Date: 19-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	MS Add	MSD Add	Units	Sample Conc	MS %REC	MSD %REC	MS/MSD RPD	QUAL (1)
SW846 Method 5030/8015M Preparation Date: 19-DEC-95 Analysis Date: 19-DEC-95 12:52 Workgroup Number: W65222 GRO	N/A	70	130	25	5	5	mg/Kg	ND	74	85	14	----

Note:
Report Approved By: Randy Greaves

Note:
Technical Review By: Ty Garber

- (1) QUAL
- * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits; ! = Value Within Control Limits
 - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
 - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
 - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
 - Matrix Spike Percent Recovery
 - Matrix Spike Duplicate Percent Recovery
 - Matrix Spike Duplicate Relative Percent Difference
 - Not Reported
 - Analyte "Not Detected" above the method detection limit.
- "MS, MSD Add"
"Sample Conc"
"MS %REC"
"MSD %REC"
"MS/MSD RPD"
NR
ND

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: W65225-4
Run Id: R2807
GALP Record Id: Not Reported
Preparation Date: 19-DEC-95
Analysis Date: 19-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	MS Add	MSD Add	Units	Sample Conc	MS %REC	MSD %REC	MS/MSD RPD	QUAL (1)
SW846 Method 5030/8020												
Preparation Date: 19-DEC-95												
Analysis Date: 19-DEC-95 10:51												
Workgroup Number: W65225												
Benzene	71-43-2	66	142	21	20	20	ug/Kg	ND	101	94	7	---
Ethylbenzene	100-41-4	55	150	25	20	20	ug/Kg	ND	105	98	7	---
Toluene	108-88-3	59	139	21	20	20	ug/Kg	ND	105	97	8	---
(m,p)-Xylene	108-38-3	55	150	25	40	40	ug/Kg	ND	105	99	6	---
o-Xylene	95-47-6	55	150	25	20	20	ug/Kg	ND	100	94	6	---

Note:
Technical Review By: Ty Garber
Report Approved By: Randy Greaves

- (1) QUAL - * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits; ! = Value Within Control Limits
- (1) QUAL - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
- "Limits" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- "MS, MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
- "Sample Conc" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
- "MS %REC" - Matrix Spike Percent Recovery
- "MSD %REC" - Matrix Spike Duplicate Percent Recovery
- "MS/MSD RPD" - Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
- NR - Not Reported
- ND - Analyte "Not Detected" above the method detection limit.

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: Hydrologic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: WG5240-4
Run Id: R2821
GALP Record Id: Not Reported
Preparation Date: 22-DEC-95
Analysis Date: 22-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	MS Add	MSD Add	Units	Sample Conc	MS %REC	MSD %REC	MS/MSD RPD	QUAL (1)
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SW846 Method 5030/8015M
Preparation Date: 22-DEC-95
Analysis Date: 22-DEC-95 11:41
Workgroup Number: WG5240
GRO

N/A		70	130	25	5	5	mg/Kg	.11	77	79	3	----
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Note:
Report Approved By: Randy Greaves

Technical Review By: Ty Garber

- (1) QUAL
 - (1) QUAL
 - "Limits"
 - "MS, MSD Add"
 - "Sample Conc"
 - "MS %REC"
 - "MSD %REC"
 - "MS/MSD RPD"
 - NR
 - ND
- * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits; ! = Value Within Control Limits
 - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
 - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
 - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
 - Matrix Spike Percent Recovery
 - Matrix Spike Duplicate Recovery
 - Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
 - Not Reported
 - Analyte "Not Detected" above the method detection limit.

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: Hydrologic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: WG5244-4
Run Id: R2823
GALP Record Id: Not Reported
Preparation Date: 21-DEC-95
Analysis Date: 21-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	MS Add	MSD Add	Units	Sample Conc	MS %REC	MSD %REC	MS/MSD RPD	QUAL (1)
SW846 Method 5030/8020												
Preparation Date: 21-DEC-95												
Analysis Date: 21-DEC-95 17:26												
Workgroup Number: WG5244												
Benzene	71-43-2	66	142	21	20	20	ug/Kg	ND	106	102	4	----
Ethylbenzene	100-41-4	55	150	25	20	20	ug/Kg	ND	116	116	0	----
Toluene	108-88-3	59	139	21	20	20	ug/Kg	ND	116	123	6	----
(m,p)-Xylene	108-38-3	55	150	25	40	40	ug/Kg	ND	119	122	2	----
o-Xylene	95-47-6	55	150	25	20	20	ug/Kg	ND	114	110	4	----

Note:
Technical Review By: Ty Garber
Report Approved By: Randy Greaves

- (1) QUAL
- * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits; - = Value Within Control Limits
 - = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
 - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
 - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
 - Matrix Spike Percent Recovery
 - Matrix Spike Duplicate Percent Recovery
 - Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
 - Not Reported
 - Analyte "Not Detected" above the method detection limit.

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: W65256-4
Run Id: R2839
GALP Record Id: Not Reported
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95
Report Date: 29-DEC-95

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	MS Add	MSD Add	Units	Sample Conc	MS %REC	MSD %REC	MS/MSD RPD	QUAL (1)
SW846 Methods 5030/8020												
Preparation Date: 27-DEC-95												
Analysis Date: 27-DEC-95 10:47												
Workgroup Number: W65256												
Benzene	71-43-2	76	127	20	20	20	ug/L	ND	98	100	2	----
Ethylbenzene	100-41-4	70	140	20	20	20	ug/L	ND	102	102	0	----
Toluene	108-88-3	76	125	20	20	20	ug/L	1.76	98	100	2	----
(m,p)-Xylene	108-38-3	70	140	20	40	40	ug/L	2.68	98	99	1	----
o-Xylene	95-47-6	70	140	20	20	20	ug/L	1.85	89	90	1	----

Note:
Report Approved By: Randy Greaves

Technical Review By: Ty Garber

- (1) QUAL - * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits; 1-1 = Value Within Control Limits
- (1) QUAL - 1 = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
- "Limits" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- "MS, MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
- "Sample Conc" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
- "MS %REC" - Matrix Spike Percent Recovery
- "MSD %REC" - Matrix Spike Duplicate Percent Recovery
- "MS/MSD RPD" - Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
- NR - Not Reported
- ND - Analyte "Not Detected" above the method detection limit.

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: W65259-2
Run Id: R2840
GALP Record Id: Not Reported
Preparation Date: 28-DEC-95
Analysis Date: 28-DEC-95
Report Date: 29-DEC-95

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	MS Add	MSD Add	Units	Sample Conc	MS %REC	MSD %REC	MS/MSD RPD	QUAL (1)
GRO	N/A	70	130	25	5	5	mg/L	6.85	123	111	10	----

SW846 Method 5030/8015 Mod.
Preparation Date: 28-DEC-95
Analysis Date: 28-DEC-95 12:55
Workgroup Number: W65259

Note:
Technical Review By: Ty Garber
Report Approved By: Randy Greaves

- (1) QUAL
- * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits; ! = Value Within Control Limits
 - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
 - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
 - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
 - Matrix Spike Percent Recovery
 - Matrix Spike Duplicate Percent Recovery
 - Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
 - Not Reported
 - Analyte "Not Detected" above the method detection limit.

FINAL RESULTS

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 9511213-01
Project Number: BANG FUELING AREA
Sample ID: L2397-1
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 15:37							
Workgroup Number: WG5333							
Acetone	67-64-1	1	ND	ug/L	U	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	U	.5	100
Acrolein	107-02-8	1	ND	ug/L	U	.5	100
Acrylonitrile	107-13-1	1	ND	ug/L	U	.5	100
Allyl chloride	107-05-1	1	ND	ug/L	U	.5	5
Benzene	71-43-2	1	ND	ug/L	U	.05	1
Benzyl chloride	100-44-7	1	ND	ug/L	U	.5	100
Bromodichloromethane	75-27-4	1	ND	ug/L	U	.64	5
Bromoform	75-25-2	1	ND	ug/L	U	.47	5
Bromomethane	74-83-9	1	ND	ug/L	U	.49	10
2-Butanone	78-93-3	1	ND	ug/L	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/L	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	U	.5	5
Chloroethane	75-00-3	1	ND	ug/L	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	U	.5	10
Chloroform	67-66-3	1	ND	ug/L	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.5	5
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	U	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	5

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 9511213-01
Project Number: BANG FUELING AREA
Sample ID: L2397-1
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/L	U	.75	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	U	.5	5
2-Hexanone	591-78-6	1	ND	ug/L	U	.5	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	U	.5	100
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	100
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	5
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	5
Methyl methacrylate	80-62-6	1	ND	ug/L	U	.5	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	50
Pentachloroethane	76-01-7	1	ND	ug/L	U	.5	10
Propionitrile	107-12-0	1	ND	ug/L	U	.5	100
Styrene	100-42-5	1	ND	ug/L	U	.72	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	U	.45	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/L	U	.49	5
Toluene	108-88-3	1	1.76	ug/L		.22	1
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/L	U	.42	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	5
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	50
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	2
Xylene (Total)	1330-20-7	1	ND	ug/L	U	.5	5
Dibromofluoromethane	SURROGATE	1	100	%			
Toluene-d8	SURROGATE	1	101	%			
4-Bromofluorobenzene	SURROGATE	1	105	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
 Prepared By: HydroLogic Laboratories, Inc.

Client ID: 9511213-01
 Project Number: BANG FUELING AREA
 Sample ID: L2397-1
 Site / Project ID: DECON BLANK
 Run ID: R2839
 Collection Date: 13-DEC-95
 Received Date: 15-DEC-95
 Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 10:08							
Workgroup Number: WG5256							
Benzene	71-43-2	1	ND	ug/L	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/L	U	.079	1
Toluene	108-88-3	1	1.76	ug/L		.22	1
(m,p)-Xylene	108-38-3	1	2.68	ug/L		.3	2
o-Xylene	95-47-6	1	1.85	ug/L		.1	1
4-Bromofluorobenzene	SURROGATE	1	105	%			
SW846 Method 5030/8015 Mod.							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 10:08							
Workgroup Number: WG5258							
GRO	N/A	1	ND	mg/L	U	.05	1
Bromofluorobenzene	SURROGATE	1	105	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-0
Project Number: BANG FUELING AREA
Sample ID: L2397-2
Site / Project ID: LOCATION 1 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 01:36							
Workgroup Number: WG5338							
Acetone	67-64-1	2	58	ug/Kg	J	1	200
Benzene	71-43-2	2	13	ug/Kg		.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	14	ug/Kg		1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	7.4	ug/Kg	J	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-0
Project Number: BANG FUELING AREA
Sample ID: L2397-2
Site / Project ID: LOCATION 1 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	79	ug/Kg		1	10
Dibromofluoromethane	SURROGATE	1	101	%			
Toluene-d8	SURROGATE	1	100	%			
4-Bromofluorobenzene	SURROGATE	1	103	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-0
Project Number: BANG FUELING AREA
Sample ID: L2397-2
Site / Project ID: LOCATION 1 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 14:10							
Workgroup Number: WG5225							
Benzene	71-43-2	1	29.3	ug/Kg		.05	1
Ethylbenzene	100-41-4	1	23.5	ug/Kg		.079	1
Toluene	108-88-3	1	19.4	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	102	ug/Kg		.3	2
o-Xylene	95-47-6	1	25.3	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	112	%			
SW846 Method 5030/8015M							
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 14:10							
Workgroup Number: WG5222							
GRO	N/A	1	3.1	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	112	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-4
Project Number: BANG FUELING AREA
Sample ID: L2397-3
Site / Project ID: LOCATION 1 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 16:01							
Workgroup Number: WG5339							
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-4
Project Number: BANG FUELING AREA
Sample ID: L2397-3
Site / Project ID: LOCATION 1 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	1	10
Dibromofluoromethane	SURROGATE	1	114	%			
Toluene-d8	SURROGATE	1	95	%			
4-Bromofluorobenzene	SURROGATE	1	103	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-4
Project Number: BANG FUELING AREA
Sample ID: L2397-3
Site / Project ID: LOCATION 1 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 14:49							
Workgroup Number: WG5225							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	U	.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	105	%			
SW846 Method 5030/8015M							
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 14:49							
Workgroup Number: WG5222							
GRO	N/A	1	ND	mg/Kg	U	.05	.1
Bromofluorobenzene	SURROGATE	1	105	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F2-0
Project Number: BANG FUELING AREA
Sample ID: L2397-6
Site / Project ID: LOCATION 2 0-2 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

SW846 Method 8240

Preparation Date: 29-DEC-95

Analysis Date: 29-DEC-95 16:22

Workgroup Number: WG5339

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	150	ug/Kg		.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	125	920	ug/Kg		94	630
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	125	2600	ug/Kg		110	630

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F2-0
Project Number: BANG FUELING AREA
Sample ID: L2397-6
Site / Project ID: LOCATION 2 0-2 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	125	5700	ug/Kg		63	630
Dibromofluoromethane	SURROGATE	1	95	%			
Toluene-d8	SURROGATE	1	84	%			
4-Bromofluorobenzene	SURROGATE	1	131	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F2-0
Project Number: BANG FUELING AREA
Sample ID: L2397-6
Site / Project ID: LOCATION 2 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 20:38							
Workgroup Number: WG5226							
Benzene	71-43-2	1250	2190	ug/Kg		63	1300
Ethylbenzene	100-41-4	1250	7230	ug/Kg		99	1300
Toluene	108-88-3	1250	9850	ug/Kg		270	1300
(m,p)-Xylene	108-38-3	1250	35200	ug/Kg		370	2500
o-Xylene	95-47-6	1250	9060	ug/Kg		130	1300
4-Bromofluorobenzene	SURROGATE	1	104	%			
SW846 Method 5030/8015M							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 20:38							
Workgroup Number: WG5223							
GRO	N/A	1250	1140	mg/Kg		63	130
Bromofluorobenzene	SURROGATE	1	104	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F2-4
Project Number: BANG FUELING AREA
Sample ID: L2397-7
Site / Project ID: LOCATION 2 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 17:18							
Workgroup Number: WG5339							
Acetone	67-64-1	2	22	ug/Kg	J	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F2-4
Project Number: BANG FUELING AREA
Sample ID: L2397-7
Site / Project ID: LOCATION 2 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	6	ug/Kg	J	1	10
Dibromofluoromethane	SURROGATE	1	101	%			
Toluene-d8	SURROGATE	1	85	%			
4-Bromofluorobenzene	SURROGATE	1	95	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F2-4
Project Number: BANG FUELING AREA
Sample ID: L2397-7
Site / Project ID: LOCATION 2 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 11:41							
Workgroup Number: WG5226							
Benzene	71-43-2	1	1.49	ug/Kg		.05	1
Ethylbenzene	100-41-4	1	2.12	ug/Kg		.079	1
Toluene	108-88-3	1	3.95	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	6.59	ug/Kg		.3	2
o-Xylene	95-47-6	1	2.72	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	78	%			
SW846 Method 5030/8015M							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 11:41							
Workgroup Number: WG5223							
GRO	N/A	1	.28	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	78	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F3-0
Project Number: BANG FUELING AREA
Sample ID: L2397-10
Site / Project ID: LOCATION 3 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 02:15							
Workgroup Number: WG5338							
Acetone	67-64-1	10	380	ug/Kg	J	5	1000
Benzene	71-43-2	10	320	ug/Kg		3.9	50
Bromodichloromethane	75-27-4	10	ND	ug/Kg	U	5	50
Bromoform	75-25-2	10	ND	ug/Kg	U	4.7	50
Bromomethane	74-83-9	10	ND	ug/Kg	U	4.9	100
2-Butanone	78-93-3	10	ND	ug/Kg	U	5	1000
Carbon disulfide	75-15-0	10	ND	ug/Kg	U	5	1000
Carbon tetrachloride	56-23-5	10	ND	ug/Kg	U	14	50
Chlorobenzene	108-90-7	10	ND	ug/Kg	U	4.4	50
Chlorodibromomethane	124-48-1	10	ND	ug/Kg	U	5	50
Chloroethane	75-00-3	10	ND	ug/Kg	U	5.4	100
2-Chloroethyl vinyl ether	110-75-8	10	ND	ug/Kg	U	5	100
Chloroform	67-66-3	10	ND	ug/Kg	U	14	50
Chloromethane	74-87-3	10	ND	ug/Kg	U	20	100
1,2-Dichlorobenzene	95-50-1	10	ND	ug/Kg	U	5	50
1,3-Dichlorobenzene	541-73-1	10	ND	ug/Kg	U	5	50
1,4-Dichlorobenzene	106-46-7	10	ND	ug/Kg	U	5	50
1,1-Dichloroethane	75-34-3	10	ND	ug/Kg	U	17	50
1,2-Dichloroethane	107-06-2	10	ND	ug/Kg	U	21	50
1,1-Dichloroethene	75-35-4	10	ND	ug/Kg	U	4.8	50
trans-1,2-Dichloroethene	156-60-5	10	ND	ug/Kg	U	5.5	50
1,2-Dichloropropane	78-87-5	10	ND	ug/Kg	U	5.1	50
cis-1,3-Dichloropropene	10061-01-5	10	ND	ug/Kg	U	7.8	50
trans-1,3-Dichloropropene	10061-02-6	10	ND	ug/Kg	U	5.5	50
Ethylbenzene	100-41-4	10	380	ug/Kg		7.5	50
2-Hexanone	591-78-6	10	ND	ug/Kg	U	5	500
Methylene chloride	75-09-2	10	ND	ug/Kg	U	7.5	50
4-Methyl-2-pentanone	108-10-1	10	ND	ug/Kg	U	5	500
Styrene	100-42-5	10	ND	ug/Kg	U	7.2	50
1,1,2,2-Tetrachloroethane	79-34-5	10	ND	ug/Kg	U	6.3	50
Tetrachloroethene	127-18-4	10	ND	ug/Kg	U	4.9	50
Toluene	108-88-3	10	1300	ug/Kg		8.5	50

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F3-0
Project Number: BANG FUELING AREA
Sample ID: L2397-10
Site / Project ID: LOCATION 3 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	10	ND	ug/Kg	U	17	50
1,1,2-Trichloroethane	79-00-5	10	ND	ug/Kg	U	12	50
Trichloroethene	79-01-6	10	ND	ug/Kg	U	4.2	50
Trichlorofluoromethane	75-69-4	10	ND	ug/Kg	U	5	50
Vinyl chloride	75-01-4	10	ND	ug/Kg	U	4.7	20
Xylene (Total)	1330-20-7	10	2200	ug/Kg		5	50
Dibromofluoromethane	SURROGATE	1	94	%			
Toluene-d8	SURROGATE	1	104	%			
4-Bromofluorobenzene	SURROGATE	1	94	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F3-0
Project Number: BANG FUELING AREA
Sample ID: L2397-10
Site / Project ID: LOCATION 3 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 00:02							
Workgroup Number: WG5226							
Benzene	71-43-2	125	613	ug/Kg		6.3	130
Ethylbenzene	100-41-4	125	2260	ug/Kg		9.9	130
Toluene	108-88-3	125	3040	ug/Kg		27	130
(m,p)-Xylene	108-38-3	125	10300	ug/Kg		37	250
o-Xylene	95-47-6	125	2420	ug/Kg		13	130
4-Bromofluorobenzene	SURROGATE	1	140	%			
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 00:02							
Workgroup Number: WG5223							
GRO	N/A	125	985	mg/Kg		6.3	13
Bromofluorobenzene	SURROGATE	1	140	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F3-4
Project Number: BANG FUELING AREA
Sample ID: L2397-11
Site / Project ID: LOCATION 3 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 03:34							
Workgroup Number: WG5338							
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F3-4
Project Number: BANG FUELING AREA
Sample ID: L2397-11
Site / Project ID: LOCATION 3 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	1	10
Dibromofluoromethane	SURROGATE	1	106	%			
Toluene-d8	SURROGATE	1	113	%			
4-Bromofluorobenzene	SURROGATE	1	99	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
 Prepared By: HydroLogic Laboratories, Inc.

Client ID: F3-4
 Project Number: BANG FUELING AREA
 Sample ID: L2397-11
 Site / Project ID: LOCATION 3 4-6 FT DE
 Run ID: R2807
 Collection Date: 13-DEC-95
 Received Date: 15-DEC-95
 Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 12:20							
Workgroup Number: WG5226							
Benzene	71-43-2	1	1.48	ug/Kg		.05	1
Ethylbenzene	100-41-4	1	2.1	ug/Kg		.079	1
Toluene	108-88-3	1	4.79	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	8.05	ug/Kg		.3	2
o-Xylene	95-47-6	1	3.79	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	86	%			
SW846 Method 5030/8015M							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 12:20							
Workgroup Number: WG5223							
GRO	N/A	1	.2	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	86	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F4-0
Project Number: BANG FUELING AREA
Sample ID: L2397-14
Site / Project ID: LOCATION 4 0-2 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 19:09							
Workgroup Number: WG5338							
Acetone	67-64-1	10	ND	ug/Kg	U	5	1000
Benzene	71-43-2	10	150	ug/Kg		3.9	50
Bromodichloromethane	75-27-4	10	ND	ug/Kg	U	5	50
Bromoform	75-25-2	10	ND	ug/Kg	U	4.7	50
Bromomethane	74-83-9	10	ND	ug/Kg	U	4.9	100
2-Butanone	78-93-3	10	ND	ug/Kg	U	5	1000
Carbon disulfide	75-15-0	10	ND	ug/Kg	U	5	1000
Carbon tetrachloride	56-23-5	10	ND	ug/Kg	U	14	50
Chlorobenzene	108-90-7	10	ND	ug/Kg	U	4.4	50
Chlorodibromomethane	124-48-1	10	ND	ug/Kg	U	5	50
Chloroethane	75-00-3	10	ND	ug/Kg	U	5.4	100
2-Chloroethyl vinyl ether	110-75-8	10	ND	ug/Kg	U	5	100
Chloroform	67-66-3	10	ND	ug/Kg	U	14	50
Chloromethane	74-87-3	10	ND	ug/Kg	U	20	100
1,2-Dichlorobenzene	95-50-1	10	ND	ug/Kg	U	5	50
1,3-Dichlorobenzene	541-73-1	10	ND	ug/Kg	U	5	50
1,4-Dichlorobenzene	106-46-7	10	ND	ug/Kg	U	5	50
1,1-Dichloroethane	75-34-3	10	ND	ug/Kg	U	17	50
1,2-Dichloroethane	107-06-2	10	ND	ug/Kg	U	21	50
1,1-Dichloroethene	75-35-4	10	ND	ug/Kg	U	4.8	50
trans-1,2-Dichloroethene	156-60-5	10	ND	ug/Kg	U	5.5	50
1,2-Dichloropropane	78-87-5	10	ND	ug/Kg	U	5.1	50
cis-1,3-Dichloropropene	10061-01-5	10	ND	ug/Kg	U	7.8	50
trans-1,3-Dichloropropene	10061-02-6	10	ND	ug/Kg	U	5.5	50
Ethylbenzene	100-41-4	10	580	ug/Kg		7.5	50
2-Hexanone	591-78-6	10	ND	ug/Kg	U	5	500
Methylene chloride	75-09-2	10	ND	ug/Kg	U	7.5	50
4-Methyl-2-pentanone	108-10-1	10	ND	ug/Kg	U	5	500
Styrene	100-42-5	10	ND	ug/Kg	U	7.2	50
1,1,2,2-Tetrachloroethane	79-34-5	10	ND	ug/Kg	U	6.3	50
Tetrachloroethene	127-18-4	10	ND	ug/Kg	U	4.9	50
Toluene	108-88-3	125	1100	ug/Kg		110	630

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F4-0
Project Number: BANG FUELING AREA
Sample ID: L2397-14
Site / Project ID: LOCATION 4 0-2 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	10	ND	ug/Kg	U	17	50
1,1,2-Trichloroethane	79-00-5	10	ND	ug/Kg	U	12	50
Trichloroethene	79-01-6	10	ND	ug/Kg	U	4.2	50
Trichlorofluoromethane	75-69-4	10	ND	ug/Kg	U	5	50
Vinyl chloride	75-01-4	10	ND	ug/Kg	U	4.7	20
Xylene (Total)	1330-20-7	125	4800	ug/Kg		63	630
Dibromofluoromethane	SURROGATE	1	70	%			
Toluene-d8	SURROGATE	1	68	%			
4-Bromofluorobenzene	SURROGATE	1	122	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F4-0
Project Number: BANG FUELING AREA
Sample ID: L2397-14
Site / Project ID: LOCATION 4 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 12:03							
Workgroup Number: WG5227							
Benzene	71-43-2	250	635	ug/Kg		13	250
Ethylbenzene	100-41-4	250	2930	ug/Kg		20	250
Toluene	108-88-3	250	4260	ug/Kg		54	250
(m,p)-Xylene	108-38-3	250	15900	ug/Kg		75	500
o-Xylene	95-47-6	250	4610	ug/Kg		25	250
4-Bromofluorobenzene	SURROGATE	1	166	%			
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 12:03							
Workgroup Number: WG5224							
GRO	N/A	250	1080	mg/Kg		13	25
Bromofluorobenzene	SURROGATE	1	166	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F4-4
Project Number: BANG FUELING AREA
Sample ID: L2397-15
Site / Project ID: LOCATION 4 4-6 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 29-DEC-95							
Analysis Date: 29-DEC-95 14:16							
Workgroup Number: WG5339							
Acetone	67-64-1	10	ND	ug/Kg	U	5	1000
Benzene	71-43-2	10	610	ug/Kg		3.9	50
Bromodichloromethane	75-27-4	10	ND	ug/Kg	U	5	50
Bromoform	75-25-2	10	ND	ug/Kg	U	4.7	50
Bromomethane	74-83-9	10	ND	ug/Kg	U	4.9	100
2-Butanone	78-93-3	10	ND	ug/Kg	U	5	1000
Carbon disulfide	75-15-0	10	ND	ug/Kg	U	5	1000
Carbon tetrachloride	56-23-5	10	ND	ug/Kg	U	14	50
Chlorobenzene	108-90-7	10	ND	ug/Kg	U	4.4	50
Chlorodibromomethane	124-48-1	10	ND	ug/Kg	U	5	50
Chloroethane	75-00-3	10	ND	ug/Kg	U	5.4	100
2-Chloroethyl vinyl ether	110-75-8	10	ND	ug/Kg	U	5	100
Chloroform	67-66-3	10	ND	ug/Kg	U	14	50
Chloromethane	74-87-3	10	ND	ug/Kg	U	20	100
1,2-Dichlorobenzene	95-50-1	10	ND	ug/Kg	U	5	50
1,3-Dichlorobenzene	541-73-1	10	ND	ug/Kg	U	5	50
1,4-Dichlorobenzene	106-46-7	10	ND	ug/Kg	U	5	50
1,1-Dichloroethane	75-34-3	10	ND	ug/Kg	U	17	50
1,2-Dichloroethane	107-06-2	10	ND	ug/Kg	U	21	50
1,1-Dichloroethene	75-35-4	10	ND	ug/Kg	U	4.8	50
trans-1,2-Dichloroethene	156-60-5	10	ND	ug/Kg	U	5.5	50
1,2-Dichloropropane	78-87-5	10	ND	ug/Kg	U	5.1	50
cis-1,3-Dichloropropene	10061-01-5	10	ND	ug/Kg	U	7.8	50
trans-1,3-Dichloropropene	10061-02-6	10	ND	ug/Kg	U	5.5	50
Ethylbenzene	100-41-4	125	1500	ug/Kg		94	630
2-Hexanone	591-78-6	10	ND	ug/Kg	U	5	500
Methylene chloride	75-09-2	10	ND	ug/Kg	U	7.5	50
4-Methyl-2-pentanone	108-10-1	10	ND	ug/Kg	U	5	500
Styrene	100-42-5	10	ND	ug/Kg	U	7.2	50
1,1,2,2-Tetrachloroethane	79-34-5	10	ND	ug/Kg	U	6.3	50
Tetrachloroethene	127-18-4	10	ND	ug/Kg	U	4.9	50
Toluene	108-88-3	125	4100	ug/Kg		110	630

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F4-4
Project Number: BANG FUELING AREA
Sample ID: L2397-15
Site / Project ID: LOCATION 4 4-6 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	10	ND	ug/Kg	U	17	50
1,1,2-Trichloroethane	79-00-5	10	ND	ug/Kg	U	12	50
Trichloroethene	79-01-6	10	ND	ug/Kg	U	4.2	50
Trichlorofluoromethane	75-69-4	10	ND	ug/Kg	U	5	50
Vinyl chloride	75-01-4	10	ND	ug/Kg	U	4.7	20
Xylene (Total)	1330-20-7	125	9100	ug/Kg		63	630
Dibromofluoromethane	SURROGATE	1	99	%			
Toluene-d8	SURROGATE	1	114	%			
4-Bromofluorobenzene	SURROGATE	1	118	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F4-4
Project Number: BANG FUELING AREA
Sample ID: L2397-15
Site / Project ID: LOCATION 4 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 16:32							
Workgroup Number: WG5226							
Benzene	71-43-2	125	614	ug/Kg		6.3	130
Ethylbenzene	100-41-4	125	2620	ug/Kg		9.9	130
Toluene	108-88-3	125	5300	ug/Kg		27	130
(m,p)-Xylene	108-38-3	125	13400	ug/Kg		37	250
o-Xylene	95-47-6	125	3310	ug/Kg		13	130
4-Bromofluorobenzene	SURROGATE	1	149	%			
SW846 Method 5030/8015M							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 16:32							
Workgroup Number: WG5223							
GRO	N/A	125	620	mg/Kg		6.3	13
Bromofluorobenzene	SURROGATE	1	149	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F5-0
Project Number: BANG FUELING AREA
Sample ID: L2397-18
Site / Project ID: LOCATION 5 0-2FT DEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 15:22							
Workgroup Number: WG5339							
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F5-0
Project Number: BANG FUELING AREA
Sample ID: L2397-18
Site / Project ID: LOCATION 5 0-2FT DEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	1	10
Dibromofluoromethane	SURROGATE	1	99	%			
Toluene-d8	SURROGATE	1	92	%			
4-Bromofluorobenzene	SURROGATE	1	109	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F5-0
Project Number: BANG FUELING AREA
Sample ID: L2397-18
Site / Project ID: LOCATION 5 0-2FT DEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 13:41							
Workgroup Number: WG5226							
Benzene	71-43-2	10	ND	ug/Kg	U	.5	10
Ethylbenzene	100-41-4	10	39.8	ug/Kg		.79	10
Toluene	108-88-3	10	18.8	ug/Kg		2.2	10
(m,p)-Xylene	108-38-3	10	48.8	ug/Kg		3	20
o-Xylene	95-47-6	10	102	ug/Kg		1	10
4-Bromofluorobenzene	SURROGATE	1	122	%			
SW846 Method 5030/8015M							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 13:41							
Workgroup Number: WG5223							
GRO	N/A	10	5.5	mg/Kg		.5	1
Bromofluorobenzene	SURROGATE	1	122	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F5-4
Project Number: BANG FUELING AREA
Sample ID: L2397-19
Site / Project ID: LOCATION 5 4-6FT DEP
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 29-DEC-95							
Analysis Date: 29-DEC-95 15:43							
Workgroup Number: W65339							
Acetone	67-64-1	10	ND	ug/Kg	U	5	1000
Benzene	71-43-2	10	390	ug/Kg		3.9	50
Bromodichloromethane	75-27-4	10	ND	ug/Kg	U	5	50
Bromoform	75-25-2	10	ND	ug/Kg	U	4.7	50
Bromomethane	74-83-9	10	ND	ug/Kg	U	4.9	100
2-Butanone	78-93-3	10	ND	ug/Kg	U	5	1000
Carbon disulfide	75-15-0	10	ND	ug/Kg	U	5	1000
Carbon tetrachloride	56-23-5	10	ND	ug/Kg	U	14	50
Chlorobenzene	108-90-7	10	ND	ug/Kg	U	4.4	50
Chlorodibromomethane	124-48-1	10	ND	ug/Kg	U	5	50
Chloroethane	75-00-3	10	ND	ug/Kg	U	5.4	100
2-Chloroethyl vinyl ether	110-75-8	10	ND	ug/Kg	U	5	100
Chloroform	67-66-3	10	ND	ug/Kg	U	14	50
Chloromethane	74-87-3	10	ND	ug/Kg	U	20	100
1,2-Dichlorobenzene	95-50-1	10	ND	ug/Kg	U	5	50
1,3-Dichlorobenzene	541-73-1	10	ND	ug/Kg	U	5	50
1,4-Dichlorobenzene	106-46-7	10	ND	ug/Kg	U	5	50
1,1-Dichloroethane	75-34-3	10	ND	ug/Kg	U	17	50
1,2-Dichloroethane	107-06-2	10	ND	ug/Kg	U	21	50
1,1-Dichloroethene	75-35-4	10	ND	ug/Kg	U	4.8	50
trans-1,2-Dichloroethene	156-60-5	10	ND	ug/Kg	U	5.5	50
1,2-Dichloropropane	78-87-5	10	ND	ug/Kg	U	5.1	50
cis-1,3-Dichloropropene	10061-01-5	10	ND	ug/Kg	U	7.8	50
trans-1,3-Dichloropropene	10061-02-6	10	ND	ug/Kg	U	5.5	50
Ethylbenzene	100-41-4	10	1900	ug/Kg		7.5	50
2-Hexanone	591-78-6	10	ND	ug/Kg	U	5	500
Methylene chloride	75-09-2	10	ND	ug/Kg	U	7.5	50
4-Methyl-2-pentanone	108-10-1	10	ND	ug/Kg	U	5	500
Styrene	100-42-5	10	ND	ug/Kg	U	7.2	50
1,1,2,2-Tetrachloroethane	79-34-5	10	ND	ug/Kg	U	6.3	50
Tetrachloroethene	127-18-4	10	ND	ug/Kg	U	4.9	50
Toluene	108-88-3	125	7600	ug/Kg		110	630

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F5-4
Project Number: BANG FUELING AREA
Sample ID: L2397-19
Site / Project ID: LOCATION 5 4-6FT DEP
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	10	ND	ug/Kg	U	17	50
1,1,2-Trichloroethane	79-00-5	10	ND	ug/Kg	U	12	50
Trichloroethene	79-01-6	10	ND	ug/Kg	U	4.2	50
Trichlorofluoromethane	75-69-4	10	ND	ug/Kg	U	5	50
Vinyl chloride	75-01-4	10	ND	ug/Kg	U	4.7	20
Xylene (Total)	1330-20-7	125	18000	ug/Kg		63	630
Dibromofluoromethane	SURROGATE	1	98	%			
Toluene-d8	SURROGATE	1	102	%			
4-Bromofluorobenzene	SURROGATE	1	100	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F5-4
Project Number: BANG FUELING AREA
Sample ID: L2397-19
Site / Project ID: LOCATION 5 4-6FT DEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 12:44							
Workgroup Number: WG5227							
Benzene	71-43-2	1250	2530	ug/Kg		63	1300
Ethylbenzene	100-41-4	1250	8810	ug/Kg		99	1300
Toluene	108-88-3	1250	18000	ug/Kg		270	1300
(m,p)-Xylene	108-38-3	1250	44700	ug/Kg		370	2500
o-Xylene	95-47-6	1250	11200	ug/Kg		130	1300
4-Bromofluorobenzene	SURROGATE	1	127	%			
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 12:44							
Workgroup Number: WG5224							
GRO	N/A	1250	1300	mg/Kg		63	130
Bromofluorobenzene	SURROGATE	1	127	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F6-0
Project Number: BANG FUELING AREA
Sample ID: L2397-22
Site / Project ID: LOCATION 6 0-2 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

SW846 Method 8240

Preparation Date: 29-DEC-95

Analysis Date: 29-DEC-95 14:55

Workgroup Number: WG5339

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
Acetone	67-64-1	10	ND	ug/Kg	U	5	1000
Benzene	71-43-2	10	300	ug/Kg		3.9	50
Bromodichloromethane	75-27-4	10	ND	ug/Kg	U	5	50
Bromoform	75-25-2	10	ND	ug/Kg	U	4.7	50
Bromomethane	74-83-9	10	ND	ug/Kg	U	4.9	100
2-Butanone	78-93-3	10	ND	ug/Kg	U	5	1000
Carbon disulfide	75-15-0	10	ND	ug/Kg	U	5	1000
Carbon tetrachloride	56-23-5	10	ND	ug/Kg	U	14	50
Chlorobenzene	108-90-7	10	ND	ug/Kg	U	4.4	50
Chlorodibromomethane	124-48-1	10	ND	ug/Kg	U	5	50
Chloroethane	75-00-3	10	ND	ug/Kg	U	5.4	100
2-Chloroethyl vinyl ether	110-75-8	10	ND	ug/Kg	U	5	100
Chloroform	67-66-3	10	ND	ug/Kg	U	14	50
Chloromethane	74-87-3	10	ND	ug/Kg	U	20	100
1,2-Dichlorobenzene	95-50-1	10	ND	ug/Kg	U	5	50
1,3-Dichlorobenzene	541-73-1	10	ND	ug/Kg	U	5	50
1,4-Dichlorobenzene	106-46-7	10	ND	ug/Kg	U	5	50
1,1-Dichloroethane	75-34-3	10	ND	ug/Kg	U	17	50
1,2-Dichloroethane	107-06-2	10	ND	ug/Kg	U	21	50
1,1-Dichloroethene	75-35-4	10	ND	ug/Kg	U	4.8	50
trans-1,2-Dichloroethene	156-60-5	10	ND	ug/Kg	U	5.5	50
1,2-Dichloropropane	78-87-5	10	ND	ug/Kg	U	5.1	50
cis-1,3-Dichloropropene	10061-01-5	10	ND	ug/Kg	U	7.8	50
trans-1,3-Dichloropropene	10061-02-6	10	ND	ug/Kg	U	5.5	50
Ethylbenzene	100-41-4	10	750	ug/Kg		7.5	50
2-Hexanone	591-78-6	10	ND	ug/Kg	U	5	500
Methylene chloride	75-09-2	10	ND	ug/Kg	U	7.5	50
4-Methyl-2-pentanone	108-10-1	10	ND	ug/Kg	U	5	500
Styrene	100-42-5	10	ND	ug/Kg	U	7.2	50
1,1,2,2-Tetrachloroethane	79-34-5	10	ND	ug/Kg	U	6.3	50
Tetrachloroethene	127-18-4	10	ND	ug/Kg	U	4.9	50
Toluene	108-88-3	125	3500	ug/Kg		110	630

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F6-0
Project Number: BANG FUELING AREA
Sample ID: L2397-22
Site / Project ID: LOCATION 6 0-2 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	10	ND	ug/Kg	U	17	50
1,1,2-Trichloroethane	79-00-5	10	ND	ug/Kg	U	12	50
Trichloroethene	79-01-6	10	ND	ug/Kg	U	4.2	50
Trichlorofluoromethane	75-69-4	10	ND	ug/Kg	U	5	50
Vinyl chloride	75-01-4	10	ND	ug/Kg	U	4.7	20
Xylene (Total)	1330-20-7	125	13000	ug/Kg		63	630
Dibromofluoromethane	SURROGATE	1	92	%			
Toluene-d8	SURROGATE	1	99	%			
4-Bromofluorobenzene	SURROGATE	1	95	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F6-0
Project Number: BANG FUELING AREA
Sample ID: L2397-22
Site / Project ID: LOCATION 6 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 13:23							
Workgroup Number: WG5227							
Benzene	71-43-2	500	1660	ug/Kg		25	500
Ethylbenzene	100-41-4	500	6540	ug/Kg		40	500
Toluene	108-88-3	500	11200	ug/Kg		110	500
(m,p)-Xylene	108-38-3	500	35700	ug/Kg		150	1000
o-Xylene	95-47-6	500	9950	ug/Kg		51	500
4-Bromofluorobenzene	SURROGATE	1	136	%			
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 13:23							
Workgroup Number: WG5224							
GRO	N/A	500	1640	mg/Kg		25	50
Bromofluorobenzene	SURROGATE	1	136	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F6-4
Project Number: BANG FUELING AREA
Sample ID: L2397-23
Site / Project ID: LOCATION 6 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 08:47							
Workgroup Number: WG5338							
Acetone	67-64-1	1	30	ug/Kg	J	.5	100
Benzene	71-43-2	1	2	ug/Kg	J	.39	5
Bromodichloromethane	75-27-4	1	ND	ug/Kg	U	.5	5
Bromoform	75-25-2	1	ND	ug/Kg	U	.47	5
Bromomethane	74-83-9	1	ND	ug/Kg	U	.49	10
2-Butanone	78-93-3	1	ND	ug/Kg	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/Kg	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/Kg	U	.5	5
Chloroethane	75-00-3	1	ND	ug/Kg	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/Kg	U	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/Kg	U	2	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/Kg	U	.5	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/Kg	U	.5	5
1,4-Dichlorobenzene	106-46-7	1	ND	ug/Kg	U	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/Kg	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/Kg	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	U	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	U	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	U	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/Kg	U	.5	50
Styrene	100-42-5	1	ND	ug/Kg	U	.72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/Kg	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	U	.49	5
Toluene	108-88-3	1	3.5	ug/Kg	J	.85	5

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F6-4
Project Number: BANG FUELING AREA
Sample ID: L2397-23
Site / Project ID: LOCATION 6 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	1	ND	ug/Kg	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/Kg	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/Kg	U	.42	5
Trichlorofluoromethane	75-69-4	1	ND	ug/Kg	U	.5	5
Vinyl chloride	75-01-4	1	ND	ug/Kg	U	.47	2
Xylene (Total)	1330-20-7	1	2.4	ug/Kg	J	.5	5
Dibromofluoromethane	SURROGATE	1	105	%			
Toluene-d8	SURROGATE	1	111	%			
4-Bromofluorobenzene	SURROGATE	1	99	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
 Prepared By: HydroLogic Laboratories, Inc.

Client ID: F6-4
 Project Number: BANG FUELING AREA
 Sample ID: L2397-23
 Site / Project ID: LOCATION 6 4-6 FT DE
 Run ID: R2807
 Collection Date: 13-DEC-95
 Received Date: 15-DEC-95
 Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 13:00							
Workgroup Number: WG5226							
Benzene	71-43-2	1	7.42	ug/Kg		.05	1
Ethylbenzene	100-41-4	1	1.86	ug/Kg		.079	1
Toluene	108-88-3	1	9.51	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	5.45	ug/Kg		.3	2
o-Xylene	95-47-6	1	2.4	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	92	%			
SW846 Method 5030/8015M							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 13:00							
Workgroup Number: WG5223							
GRO	N/A	1	.15	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	92	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: E7-0
Project Number: BANG FUELING AREA
Sample ID: L2397-26
Site / Project ID: LOCATION 7 0-2 FTDEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

SW846 Method 8240

Preparation Date: 27-DEC-95

Analysis Date: 27-DEC-95 08:08

Workgroup Number: WG5338

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
Acetone	67-64-1	1	45	ug/Kg	J	.5	100
Benzene	71-43-2	1	ND	ug/Kg	U	.39	5
Bromodichloromethane	75-27-4	1	ND	ug/Kg	U	.5	5
Bromoform	75-25-2	1	ND	ug/Kg	U	.47	5
Bromomethane	74-83-9	1	ND	ug/Kg	U	.49	10
2-Butanone	78-93-3	1	ND	ug/Kg	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/Kg	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/Kg	U	.5	5
Chloroethane	75-00-3	1	ND	ug/Kg	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/Kg	U	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/Kg	U	2	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/Kg	U	.5	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/Kg	U	.5	5
1,4-Dichlorobenzene	106-46-7	1	ND	ug/Kg	U	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/Kg	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/Kg	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	U	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	U	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	U	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/Kg	U	.5	50
Styrene	100-42-5	1	ND	ug/Kg	U	.72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/Kg	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	U	.49	5
Toluene	108-88-3	1	ND	ug/Kg	U	.85	5

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F7-0
Project Number: BANG FUELING AREA
Sample ID: L2397-26
Site / Project ID: LOCATION 7 0-2 FTDEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	1	ND	ug/Kg	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/Kg	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/Kg	U	.42	5
Trichlorofluoromethane	75-69-4	1	ND	ug/Kg	U	.5	5
Vinyl chloride	75-01-4	1	ND	ug/Kg	U	.47	2
Xylene (Total)	1330-20-7	1	4.9	ug/Kg	J	.5	5
Dibromofluoromethane	SURROGATE	1	97	%			
Toluene-d8	SURROGATE	1	86	%			
4-Bromofluorobenzene	SURROGATE	1	95	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F7-0
Project Number: BANG FUELING AREA
Sample ID: L2397-26
Site / Project ID: LOCATION 7 0-2 FTDEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 10:43							
Workgroup Number: WG5227							
Benzene	71-43-2	1	2.5	ug/Kg		.05	1
Ethylbenzene	100-41-4	1	2.91	ug/Kg		.079	1
Toluene	108-88-3	1	5.87	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	16	ug/Kg		.3	2
o-Xylene	95-47-6	1	5.97	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	76	%			
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 10:43							
Workgroup Number: WG5224							
GRO	N/A	1	.44	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	76	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F7-4
Project Number: BANG FUELING AREA
Sample ID: L2397-27
Site / Project ID: LOCATION 7 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 07:29							
Workgroup Number: W65338							
Acetone	67-64-1	1	14	ug/Kg	J	.5	100
Benzene	71-43-2	1	ND	ug/Kg	U	.39	5
Bromodichloromethane	75-27-4	1	ND	ug/Kg	U	.5	5
Bromoform	75-25-2	1	ND	ug/Kg	U	.47	5
Bromomethane	74-83-9	1	ND	ug/Kg	U	.49	10
2-Butanone	78-93-3	1	ND	ug/Kg	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/Kg	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/Kg	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/Kg	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/Kg	U	.5	5
Chloroethane	75-00-3	1	ND	ug/Kg	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/Kg	U	.5	10
Chloroform	67-66-3	1	ND	ug/Kg	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/Kg	U	.2	10
1,2-Dichlorobenzene	95-50-1	1	ND	ug/Kg	U	.5	5
1,3-Dichlorobenzene	541-73-1	1	ND	ug/Kg	U	.5	5
1,4-Dichlorobenzene	106-46-7	1	ND	ug/Kg	U	.5	5
1,1-Dichloroethane	75-34-3	1	ND	ug/Kg	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/Kg	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/Kg	U	.48	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/Kg	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/Kg	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/Kg	U	.78	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/Kg	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.75	5
2-Hexanone	591-78-6	1	ND	ug/Kg	U	.5	50
Methylene chloride	75-09-2	1	ND	ug/Kg	U	.75	5
4-Methyl-2-pentanone	108-10-1	1	ND	ug/Kg	U	.5	50
Styrene	100-42-5	1	ND	ug/Kg	U	.72	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/Kg	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/Kg	U	.49	5
Toluene	108-88-3	1	ND	ug/Kg	U	.85	5

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F7-4
Project Number: BANG FUELING AREA
Sample ID: L2397-27
Site / Project ID: LOCATION 7 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	1	ND	ug/Kg	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/Kg	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/Kg	U	.42	5
Trichlorofluoromethane	75-69-4	1	ND	ug/Kg	U	.5	5
Vinyl chloride	75-01-4	1	ND	ug/Kg	U	.47	2
Xylene (Total)	1330-20-7	1	ND	ug/Kg	U	.5	5
Dibromofluoromethane	SURROGATE	1	99	%			
Toluene-d8	SURROGATE	1	99	%			
4-Bromofluorobenzene	SURROGATE	1	85	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F7-4
Project Number: BANG FUELING AREA
Sample ID: L2397-27
Site / Project ID: LOCATION 7 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 00:19							
Workgroup Number: WG5225							
Benzene	71-43-2	1	3.92	ug/Kg		.05	1
Ethylbenzene	100-41-4	1	4.23	ug/Kg		.079	1
Toluene	108-88-3	1	6.85	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	11.1	ug/Kg		.3	2
o-Xylene	95-47-6	1	4.07	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	89	%			
SW846 Method 5030/8015M							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 00:19							
Workgroup Number: WG5222							
GRO	N/A	1	.39	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	89	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: F9-0
Project Number: BANG FUELING AREA
Sample ID: L2397-34
Site / Project ID: LOCATION 9 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 06:11							
Workgroup Number: WG5338							
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F9-0
Project Number: BANG FUELING AREA
Sample ID: L2397-34
Site / Project ID: LOCATION 9 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	1	10
Dibromofluoromethane	SURROGATE	1	96	%			
Toluene-d8	SURROGATE	1	94	%			
4-Bromofluorobenzene	SURROGATE	1	88	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F9-0
Project Number: BANG FUELING AREA
Sample ID: L2397-34
Site / Project ID: LOCATION 9 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 22-DEC-95							
Analysis Date: 22-DEC-95 11:01							
Workgroup Number: WG5246							
Benzene	71-43-2	1	1.87	ug/Kg		.05	1
Ethylbenzene	100-41-4	1	3.59	ug/Kg		.079	1
Toluene	108-88-3	1	12.1	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	14.5	ug/Kg		.3	2
o-Xylene	95-47-6	1	5.47	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	94	%			
SW846 Method 5030/8015M							
Preparation Date: 22-DEC-95							
Analysis Date: 22-DEC-95 11:01							
Workgroup Number: WG5241							
GRO	N/A	1	.26	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	94	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F10-0
Project Number: BANG FUELING AREA
Sample ID: L2397-38
Site / Project ID: LOCATION 10 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 04:13							
Workgroup Number: WG5338							
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F10-0
Project Number: BANG FUELING AREA
Sample ID: L2397-38
Site / Project ID: LOCATION 10 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	1	10
Dibromofluoromethane	SURROGATE	1	88	%			
Toluene-d8	SURROGATE	1	94	%			
4-Bromofluorobenzene	SURROGATE	1	99	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F10-0
Project Number: BANG FUELING AREA
Sample ID: L2397-38
Site / Project ID: LOCATION 10 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 22-DEC-95							
Analysis Date: 22-DEC-95 12:21							
Workgroup Number: WG5246							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	1.53	ug/Kg		.079	1
Toluene	108-88-3	1	2.08	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	3.76	ug/Kg		.3	2
o-Xylene	95-47-6	1	2.27	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	103	%			
SW846 Method 5030/8015M							
Preparation Date: 22-DEC-95							
Analysis Date: 22-DEC-95 12:21							
Workgroup Number: WG5241							
GRO	N/A	1	.12	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	103	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F10-14
Project Number: BANG FUELING AREA
Sample ID: L2397-41
Site / Project ID: LOCATION 10 14-16FTD
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 04:52							
Workgroup Number: WG5338							
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F10-14
Project Number: BANG FUELING AREA
Sample ID: L2397-41
Site / Project ID: LOCATION 10 14-16FTD
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	1	10
Dibromofluoromethane	SURROGATE	1	123	%			
Toluene-d8	SURROGATE	1	120	%			
4-Bromofluorobenzene	SURROGATE	1	110	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F10-14
Project Number: BANG FUELING AREA
Sample ID: L2397-41
Site / Project ID: LOCATION 10 14-16FTD
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 21:19							
Workgroup Number: WG5226							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	3.03	ug/Kg		.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	94	%			
SW846 Method 5030/8015M							
Preparation Date: 20-DEC-95							
Analysis Date: 20-DEC-95 21:19							
Workgroup Number: WG5223							
GRO	N/A	1	ND	mg/Kg	U	.05	.1
Bromofluorobenzene	SURROGATE	1	94	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F11-0
Project Number: BANG FUELING AREA
Sample ID: L2397-42
Site / Project ID: LOCATION 11 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 05:31							
Workgroup Number: W65338							
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F11-0
Project Number: BANG FUELING AREA
Sample ID: L2397-42
Site / Project ID: LOCATION 11 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	1	10
Dibromofluoromethane	SURROGATE	1	101	%			
Toluene-d8	SURROGATE	1	94	%			
4-Bromofluorobenzene	SURROGATE	1	94	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F11-0
Project Number: BANG FUELING AREA
Sample ID: L2397-42
Site / Project ID: LOCATION 11 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 22-DEC-95							
Analysis Date: 22-DEC-95 13:00							
Workgroup Number: WG5246							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	1.56	ug/Kg		.079	1
Toluene	108-88-3	1	1.72	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	3.32	ug/Kg		.3	2
o-Xylene	95-47-6	1	2.14	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	104	%			
SW846 Method 5030/8015M							
Preparation Date: 22-DEC-95							
Analysis Date: 22-DEC-95 13:00							
Workgroup Number: WG5241							
GRO	N/A	1	.11	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	104	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F11-4
Project Number: BANG FUELING AREA
Sample ID: L2397-43
Site / Project ID: LOCATION 11 4-6 FTDE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 06:50							
Workgroup Number: WG5338							
Acetone	67-64-1	10	ND	ug/Kg	U	5	1000
Benzene	71-43-2	10	ND	ug/Kg	U	3.9	50
Bromodichloromethane	75-27-4	10	ND	ug/Kg	U	5	50
Bromoform	75-25-2	10	ND	ug/Kg	U	4.7	50
Bromomethane	74-83-9	10	ND	ug/Kg	U	4.9	100
2-Butanone	78-93-3	10	ND	ug/Kg	U	5	1000
Carbon disulfide	75-15-0	10	ND	ug/Kg	U	5	1000
Carbon tetrachloride	56-23-5	10	ND	ug/Kg	U	14	50
Chlorobenzene	108-90-7	10	ND	ug/Kg	U	4.4	50
Chlorodibromomethane	124-48-1	10	ND	ug/Kg	U	5	50
Chloroethane	75-00-3	10	ND	ug/Kg	U	5.4	100
2-Chloroethyl vinyl ether	110-75-8	10	ND	ug/Kg	U	5	100
Chloroform	67-66-3	10	ND	ug/Kg	U	14	50
Chloromethane	74-87-3	10	ND	ug/Kg	U	20	100
1,2-Dichlorobenzene	95-50-1	10	ND	ug/Kg	U	5	50
1,3-Dichlorobenzene	541-73-1	10	ND	ug/Kg	U	5	50
1,4-Dichlorobenzene	106-46-7	10	ND	ug/Kg	U	5	50
1,1-Dichloroethane	75-34-3	10	ND	ug/Kg	U	17	50
1,2-Dichloroethane	107-06-2	10	ND	ug/Kg	U	21	50
1,1-Dichloroethene	75-35-4	10	ND	ug/Kg	U	4.8	50
trans-1,2-Dichloroethene	156-60-5	10	ND	ug/Kg	U	5.5	50
1,2-Dichloropropane	78-87-5	10	ND	ug/Kg	U	5.1	50
cis-1,3-Dichloropropene	10061-01-5	10	ND	ug/Kg	U	7.8	50
trans-1,3-Dichloropropene	10061-02-6	10	ND	ug/Kg	U	5.5	50
Ethylbenzene	100-41-4	10	60	ug/Kg		7.5	50
2-Hexanone	591-78-6	10	ND	ug/Kg	U	5	500
Methylene chloride	75-09-2	10	ND	ug/Kg	U	7.5	50
4-Methyl-2-pentanone	108-10-1	10	ND	ug/Kg	U	5	500
Styrene	100-42-5	10	ND	ug/Kg	U	7.2	50
1,1,2,2-Tetrachloroethane	79-34-5	10	ND	ug/Kg	U	6.3	50
Tetrachloroethene	127-18-4	10	ND	ug/Kg	U	4.9	50
Toluene	108-88-3	10	37	ug/Kg	J	8.5	50

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F11-4
Project Number: BANG FUELING AREA
Sample ID: L2397-43
Site / Project ID: LOCATION 11 4-6 FTDE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	10	ND	ug/Kg	U	17	50
1,1,2-Trichloroethane	79-00-5	10	ND	ug/Kg	U	12	50
Trichloroethene	79-01-6	10	ND	ug/Kg	U	4.2	50
Trichlorofluoromethane	75-69-4	10	ND	ug/Kg	U	5	50
Vinyl chloride	75-01-4	10	ND	ug/Kg	U	4.7	20
Xylene (Total)	1330-20-7	10	530	ug/Kg		5	50
Dibromofluoromethane	SURROGATE	1	98	%			
Toluene-d8	SURROGATE	1	79	%			
4-Bromofluorobenzene	SURROGATE	1	97	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F11-4
Project Number: BANG FUELING AREA
Sample ID: L2397-43
Site / Project ID: LOCATION 11 4-6 FTDE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 14:02							
Workgroup Number: WG5227							
Benzene	71-43-2	500	885	ug/Kg		25	500
Ethylbenzene	100-41-4	500	2050	ug/Kg		40	500
Toluene	108-88-3	500	5700	ug/Kg		110	500
(m,p)-Xylene	108-38-3	500	7210	ug/Kg		150	1000
o-Xylene	95-47-6	500	2250	ug/Kg		51	500
4-Bromofluorobenzene	SURROGATE	1	128	%			

SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 14:02							
Workgroup Number: WG5224							
GRO	N/A	500	605	mg/Kg		25	50
Bromofluorobenzene	SURROGATE	1	128	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951213-02
Project Number: BANG FUELING AREA
Sample ID: L2397-46
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 16:55							
Workgroup Number: WG5333							
Acetone	67-64-1	1	20	ug/L	J	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	U	.5	100
Acrolein	107-02-8	1	ND	ug/L	U	.5	100
Acrylonitrile	107-13-1	1	ND	ug/L	U	.5	100
Allyl chloride	107-05-1	1	ND	ug/L	U	.5	5
Benzene	71-43-2	1	ND	ug/L	U	.39	5
Benzyl chloride	100-44-7	1	ND	ug/L	U	.5	100
Bromodichloromethane	75-27-4	1	ND	ug/L	U	.64	5
Bromoform	75-25-2	1	ND	ug/L	U	.47	5
Bromomethane	74-83-9	1	ND	ug/L	U	.49	10
2-Butanone	78-93-3	1	ND	ug/L	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/L	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	U	.5	5
Chloroethane	75-00-3	1	ND	ug/L	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	U	.5	10
Chloroform	67-66-3	1	ND	ug/L	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.5	5
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	U	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	5

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951213-02
Project Number: BANG FUELING AREA
Sample ID: L2397-46
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	5
Ethylbenzene	100-41-4	1	2	ug/L	J	.75	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	U	.5	5
2-Hexanone	591-78-6	1	ND	ug/L	U	.5	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	U	.5	100
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	100
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	5
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	5
Methyl methacrylate	80-62-6	1	ND	ug/L	U	.5	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	50
Pentachloroethane	76-01-7	1	ND	ug/L	U	.5	10
Propionitrile	107-12-0	1	ND	ug/L	U	.5	100
Styrene	100-42-5	1	ND	ug/L	U	.72	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	U	.45	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/L	U	.49	5
Toluene	108-88-3	1	7	ug/L	U	.85	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/L	U	.42	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	5
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	50
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	2
Xylene (Total)	1330-20-7	1	18	ug/L	U	.5	5
Dibromofluoromethane	SURROGATE	1	99	%			
Toluene-d8	SURROGATE	1	104	%			
4-Bromofluorobenzene	SURROGATE	1	93	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
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 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951213-02
Project Number: BANG FUELING AREA
Sample ID: L2397-46
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 14:48							
Workgroup Number: WG5256							
Benzene	71-43-2	1	ND	ug/L	U	.05	1
Ethylbenzene	100-41-4	1	1.56	ug/L		.079	1
Toluene	108-88-3	1	1.68	ug/L		.22	1
(m,p)-Xylene	108-38-3	1	5.22	ug/L		.3	2
o-Xylene	95-47-6	1	3.26	ug/L		.1	1
4-Bromofluorobenzene	SURROGATE	1	74	%			
SW846 Method 5030/8015 Mod.							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 14:48							
Workgroup Number: WG5258							
GRO	N/A	1	.24	mg/L		.05	.1
Bromofluorobenzene	SURROGATE	1	74	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

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Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: BANG FUELING AREA
Sample ID: L2397-47
Site / Project ID: TRIP BLANK
Run ID: R2839
Collection Date: 12-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 19-DEC-95							
Analysis Date: 19-DEC-95 16:16							
Workgroup Number: WG5333							
Acetone	67-64-1	1	ND	ug/L	U	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	U	.5	100
Acrolein	107-02-8	1	ND	ug/L	U	.5	100
Acrylonitrile	107-13-1	1	ND	ug/L	U	.5	100
Allyl chloride	107-05-1	1	ND	ug/L	U	.5	5
Benzene	71-43-2	1	ND	ug/L	U	.39	5
Benzyl chloride	100-44-7	1	ND	ug/L	U	.5	100
Bromodichloromethane	75-27-4	1	ND	ug/L	U	.64	5
Bromoform	75-25-2	1	ND	ug/L	U	.47	5
Bromomethane	74-83-9	1	ND	ug/L	U	.49	10
2-Butanone	78-93-3	1	ND	ug/L	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/L	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	U	.5	5
Chloroethane	75-00-3	1	ND	ug/L	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	U	.5	10
Chloroform	67-66-3	1	ND	ug/L	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.5	5
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	U	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	5

Review By: Ty Garber

Report Approved By: Randy Greaves

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Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: BANG FUELING AREA
Sample ID: L2397-47
Site / Project ID: TRIP BLANK
Run ID: R2839
Collection Date: 12-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/L	U	.75	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	U	.5	5
2-Hexanone	591-78-6	1	ND	ug/L	U	.5	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	U	.5	100
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	100
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	5
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	5
Methyl methacrylate	80-62-6	1	ND	ug/L	U	.5	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	50
Pentachloroethane	76-01-7	1	ND	ug/L	U	.5	10
Propionitrile	107-12-0	1	ND	ug/L	U	.5	100
Styrene	100-42-5	1	ND	ug/L	U	.72	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	U	.45	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/L	U	.49	5
Toluene	108-88-3	1	ND	ug/L	U	.85	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/L	U	.42	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	5
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	50
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	2
Xylene (Total)	1330-20-7	1	ND	ug/L	U	.5	5
Dibromofluoromethane	SURROGATE	1	100	%			
Toluene-d8	SURROGATE	1	109	%			
4-Bromofluorobenzene	SURROGATE	1	93	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: BANG FUELING AREA
Sample ID: L2397-47
Site / Project ID: TRIP BLANK
Run ID: R2839
Collection Date: 12-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 16:48							
Workgroup Number: WG5256							
Benzene	71-43-2	1	ND	ug/L	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/L	U	.079	1
Toluene	108-88-3	1	ND	ug/L	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/L	U	.3	2
o-Xylene	95-47-6	1	ND	ug/L	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	101	%			
SW846 Method 5030/8015 Mod.							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 16:48							
Workgroup Number: WG5258							
GRO	N/A	1	ND	mg/L	U	.05	.1
Bromofluorobenzene	SURROGATE	1	101	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

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Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
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RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F15-0
Project Number: BANG FUELING AREA
Sample ID: L2397-48
Site / Project ID: LOCATION 15 0-2 FT D
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 02:49							
Workgroup Number: WG5336							
Acetone	67-64-1	2	98	ug/Kg	J	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

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- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F15-0
Project Number: BANG FUELING AREA
Sample ID: L2397-48
Site / Project ID: LOCATION 15 0-2 FT D
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	5.3	ug/Kg	J	1	10
Dibromofluoromethane	SURROGATE	1	118	%			
Toluene-d8	SURROGATE	1	100	%			
4-Bromofluorobenzene	SURROGATE	1	104	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F15-0
Project Number: BANG FUELING AREA
Sample ID: L2397-48
Site / Project ID: LOCATION 15 0-2 FT D
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 22-DEC-95							
Analysis Date: 22-DEC-95 13:41							
Workgroup Number: WG5246							
Benzene	71-43-2	1	2.1	ug/Kg		.05	1
Ethylbenzene	100-41-4	1	1.79	ug/Kg		.079	1
Toluene	108-88-3	1	1.74	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	5.7	ug/Kg		.3	2
o-Xylene	95-47-6	1	1.95	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	74	%			
SW846 Method 5030/8015M							
Preparation Date: 22-DEC-95							
Analysis Date: 22-DEC-95 13:41							
Workgroup Number: WG5241							
GRO	N/A	1	.17	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	74	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F15-9
Project Number: BANG FUELING AREA
Sample ID: L2397-50
Site / Project ID: LOCATION 15 9-11FT D
Run ID: R2807
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 02:10							
Workgroup Number: WG5336							
Acetone	67-64-1	2	20	ug/Kg	J	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0.	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F15-9
Project Number: BANG FUELING AREA
Sample ID: L2397-50
Site / Project ID: LOCATION 15 9-11FT D
Run ID: R2807
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	1	10
Dibromofluoromethane	SURROGATE	1	108	%			
Toluene-d8	SURROGATE	1	94	%			
4-Bromofluorobenzene	SURROGATE	1	91	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F15-9
Project Number: BANG FUELING AREA
Sample ID: L2397-50
Site / Project ID: LOCATION 15 9-11FT D
Run ID: R2807
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 11:22							
Workgroup Number: WG5227							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	1.5	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	2.92	ug/Kg		.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	107	%			
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 11:22							
Workgroup Number: WG5224							
GRO	N/A	1	.11	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	107	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F16-0
Project Number: BANG FUELING AREA
Sample ID: L2397-52
Site / Project ID: LOCATION 16 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 16:32							
Workgroup Number: WG5337							
Acetone	67-64-1	2	26	ug/Kg	J	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	6	ug/Kg	J	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F16-0
Project Number: BANG FUELING AREA
Sample ID: L2397-52
Site / Project ID: LOCATION 16 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	54	ug/Kg		1	10
Dibromofluoromethane	SURROGATE	1	93	%			
Toluene-d8	SURROGATE	1	91	%			
4-Bromofluorobenzene	SURROGATE	1	93	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F16-0
Project Number: BANG FUELING AREA
Sample ID: L2397-52
Site / Project ID: LOCATION 16 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 10:59							
Workgroup Number: WG5247							
Benzene	71-43-2	1	1.53	ug/Kg		.05	1
Ethylbenzene	100-41-4	1	4.59	ug/Kg		.079	1
Toluene	108-88-3	1	3.58	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	38.5	ug/Kg		.3	2
o-Xylene	95-47-6	1	3.7	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	59	%			
SW846 Method 5030/8015M							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 10:59							
Workgroup Number: WG5242							
GRO	N/A	1	.38	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	59	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F16-4
Project Number: BANG FUELING AREA
Sample ID: L2397-53
Site / Project ID: LOCATION 16 4-6 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

SW846 Method 8240

Preparation Date: 28-DEC-95

Analysis Date: 28-DEC-95 00:52

Workgroup Number: WG5336

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F16-4
Project Number: BANG FUELING AREA
Sample ID: L2397-53
Site / Project ID: LOCATION 16 4-6 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	5.7	ug/Kg	J	1	10
Dibromofluoromethane	SURROGATE	1	110	%			
Toluene-d8	SURROGATE	1	100	%			
4-Bromofluorobenzene	SURROGATE	1	91	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F16-4
Project Number: BANG FUELING AREA
Sample ID: L2397-53
Site / Project ID: LOCATION 16 4-6 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 20:50							
Workgroup Number: WG5244							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	2.67	ug/Kg		.3	2
o-Xylene	95-47-6	1	2.82	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	104	%			
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 20:50							
Workgroup Number: WG5240							
GRO	N/A	1	.17	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	104	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F17-0
Project Number: BANG FUELING AREA
Sample ID: L2397-56
Site / Project ID: LOCATION 17 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 23:34							
Workgroup Number: WG5336							
Acetone	67-64-1	2	29	ug/Kg	J	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	3.8	ug/Kg	J	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	5.8	ug/Kg	J	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F17-0
Project Number: BANG FUELING AREA
Sample ID: L2397-56
Site / Project ID: LOCATION 17 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	67	ug/Kg		1	10
Dibromofluoromethane	SURROGATE	1	102	%			
Toluene-d8	SURROGATE	1	85	%			
4-Bromofluorobenzene	SURROGATE	1	104	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F17-0
Project Number: BANG FUELING AREA
Sample ID: L2397-56
Site / Project ID: LOCATION 17 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 11:38							
Workgroup Number: WG5247							
Benzene	71-43-2	1	2.6	ug/Kg		.05	1
Ethylbenzene	100-41-4	1	11	ug/Kg		.079	1
Toluene	108-88-3	1	4.31	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	43.4	ug/Kg		.3	2
o-Xylene	95-47-6	1	12.2	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	89	%			
SW846 Method 5030/8015M							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 11:38							
Workgroup Number: WG5242							
GRO	N/A	1	1.26	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	89	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-0
Project Number: BANG FUELING AREA
Sample ID: L2397-58
Site / Project ID: LOCATION 20 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

SW846 Method 8240

Preparation Date: 28-DEC-95

Analysis Date: 28-DEC-95 15:54

Workgroup Number: WG5337

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
Acetone	67-64-1	2	30	ug/Kg	J	1	200
Benzene	71-43-2	2	20	ug/Kg		.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	56	ug/Kg		1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	53	ug/Kg		1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-0
Project Number: BANG FUELING AREA
Sample ID: L2397-58
Site / Project ID: LOCATION 20 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	260	ug/Kg		1	10
Dibromofluoromethane	SURROGATE	1	97	%			
Toluene-d8	SURROGATE	1	113	%			
4-Bromofluorobenzene	SURROGATE	1	100	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-0
Project Number: BANG FUELING AREA
Sample ID: L2397-58
Site / Project ID: LOCATION 20 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 13:37							
Workgroup Number: WG5247							
Benzene	71-43-2	125	875	ug/Kg		6.3	130
Ethylbenzene	100-41-4	125	973	ug/Kg		9.9	130
Toluene	108-88-3	125	353	ug/Kg		27	130
(m,p)-Xylene	108-38-3	125	3670	ug/Kg		37	250
o-Xylene	95-47-6	125	1360	ug/Kg		13	130
4-Bromofluorobenzene	SURROGATE	1	116	%			

SW846 Method 5030/8015M							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 13:37							
Workgroup Number: WG5242							
GRO	N/A	125	170	mg/Kg		6.3	13
Bromofluorobenzene	SURROGATE	1	116	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-4
Project Number: BANG FUELING AREA
Sample ID: L2397-59
Site / Project ID: LOCATION 20 4-6 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 06:03							
Workgroup Number: WG5336							
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-4
Project Number: BANG FUELING AREA
Sample ID: L2397-59
Site / Project ID: LOCATION 20 4-6 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	1	10
Dibromofluoromethane	SURROGATE	1	112	%			
Toluene-d8	SURROGATE	1	104	%			
4-Bromofluorobenzene	SURROGATE	1	102	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-4
Project Number: BANG FUELING AREA
Sample ID: L2397-59
Site / Project ID: LOCATION 20 4-6 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 18:48							
Workgroup Number: WG5244							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	U	.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	107	%			
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 18:48							
Workgroup Number: WG5240							
GRO	N/A	1	.11	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	107	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F18-0
Project Number: BANG FUELING AREA
Sample ID: L2397-79
Site / Project ID: LOCATION 18 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

SW846 Method 8240

Preparation Date: 28-DEC-95

Analysis Date: 28-DEC-95 17:12

Workgroup Number: WG5337

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F18-0
Project Number: BANG FUELING AREA
Sample ID: L2397-79
Site / Project ID: LOCATION 18 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	4.2	ug/Kg	J	1	10
Dibromofluoromethane	SURROGATE	1	100	%			
Toluene-d8	SURROGATE	1	99	%			
4-Bromofluorobenzene	SURROGATE	1	99	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F18-0
Project Number: BANG FUELING AREA
Sample ID: L2397-79
Site / Project ID: LOCATION 18 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 12:18							
Workgroup Number: WG5247							
Benzene	71-43-2	1	3.4	ug/Kg		.05	1
Ethylbenzene	100-41-4	1	15.1	ug/Kg		.079	1
Toluene	108-88-3	1	3.46	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	32.9	ug/Kg		.3	2
o-Xylene	95-47-6	1	7.5	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	94	%			
SW846 Method 5030/8015M							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 12:18							
Workgroup Number: WG5242							
GRO	N/A	1	1.26	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	94	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F18-9
Project Number: BANG FUELING AREA
Sample ID: L2397-81
Site / Project ID: LOCATION 18 9-11FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 04:45							
Workgroup Number: WG5336							
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F18-9
Project Number: BANG FUELING AREA
Sample ID: L2397-81
Site / Project ID: LOCATION 18 9-11FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	1	10
Dibromofluoromethane	SURROGATE	1	106	%			
Toluene-d8	SURROGATE	1	96	%			
4-Bromofluorobenzene	SURROGATE	1	95	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F18-9
Project Number: BANG FUELING AREA
Sample ID: L2397-81
Site / Project ID: LOCATION 18 9-11FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 16:46							
Workgroup Number: WG5244							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	U	.3	2
o-Xylene	95-47-6	1	ND	ug/Kg	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	111	%			
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 16:46							
Workgroup Number: WG5240							
GRO	N/A	1	ND	mg/Kg	U	.05	.1
Bromofluorobenzene	SURROGATE	1	111	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F19-0
Project Number: BANG FUELING AREA
Sample ID: L2397-83
Site / Project ID: LOCATION 19 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

SW846 Method 8240

Preparation Date: 28-DEC-95

Analysis Date: 28-DEC-95 04:06

Workgroup Number: WG5336

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
Acetone	67-64-1	2	ND	ug/Kg	U	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	8.5	ug/Kg	J	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	22	ug/Kg		1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F19-0
Project Number: BANG FUELING AREA
Sample ID: L2397-83
Site / Project ID: LOCATION 19 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	110	ug/Kg		1	10
Dibromofluoromethane	SURROGATE	1	112	%			
Toluene-d8	SURROGATE	1	94	%			
4-Bromofluorobenzene	SURROGATE	1	118	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

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Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F19-0
Project Number: BANG FUELING AREA
Sample ID: L2397-83
Site / Project ID: LOCATION 19 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 12:58							
Workgroup Number: WG5247							
Benzene	71-43-2	1	3.42	ug/Kg		.05	1
Ethylbenzene	100-41-4	1	9.67	ug/Kg		.079	1
Toluene	108-88-3	1	17	ug/Kg		.22	1
(m,p)-Xylene	108-38-3	1	62.8	ug/Kg		.3	2
o-Xylene	95-47-6	1	9.03	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	65	%			
SW846 Method 5030/8015M							
Preparation Date: 26-DEC-95							
Analysis Date: 26-DEC-95 12:58							
Workgroup Number: WG5242							
GRO	N/A	1	1.11	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	65	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-01
Project Number: BANG FUELING AREA
Sample ID: L2397-88
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 13:01							
Workgroup Number: WG5334							
Acetone	67-64-1	1	ND	ug/L	U	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	U	.5	100
Acrolein	107-02-8	1	ND	ug/L	U	.5	100
Acrylonitrile	107-13-1	1	ND	ug/L	U	.5	100
Allyl chloride	107-05-1	1	ND	ug/L	U	.5	5
Benzene	71-43-2	1	ND	ug/L	U	.39	5
Benzyl chloride	100-44-7	1	ND	ug/L	U	.5	100
Bromodichloromethane	75-27-4	1	ND	ug/L	U	.64	5
Bromoform	75-25-2	1	ND	ug/L	U	.47	5
Bromomethane	74-83-9	1	ND	ug/L	U	.49	10
2-Butanone	78-93-3	1	ND	ug/L	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/L	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	U	.5	5
Chloroethane	75-00-3	1	ND	ug/L	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	U	.5	10
Chloroform	67-66-3	1	4.6	ug/L	J	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.5	5
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	U	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	5

Review By: Ty Garber

Report Approved By: Randy Greaves

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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-01
Project Number: BANG FUELING AREA
Sample ID: L2397-88
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/L	U	.75	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	U	.5	5
2-Hexanone	591-78-6	1	ND	ug/L	U	.5	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	U	.5	100
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	100
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	5
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	5
Methyl methacrylate	80-62-6	1	ND	ug/L	U	.5	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	50
Pentachloroethane	76-01-7	1	ND	ug/L	U	.5	10
Propionitrile	107-12-0	1	ND	ug/L	U	.5	100
Styrene	100-42-5	1	ND	ug/L	U	.72	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	U	.45	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/L	U	.49	5
Toluene	108-88-3	1	ND	ug/L	U	.85	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/L	U	.42	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	5
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	50
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	2
Xylene (Total)	1330-20-7	1	ND	ug/L	U	.5	5
Dibromofluoromethane	SURROGATE	1	95	%			
Toluene-d8	SURROGATE	1	99	%			
4-Bromofluorobenzene	SURROGATE	1	104	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-01
Project Number: BANG FUELING AREA
Sample ID: L2397-88
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 15:34							
Workgroup Number: WG5257							
Benzene	71-43-2	1	ND	ug/L	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/L	U	.079	1
Toluene	108-88-3	1	ND	ug/L	U	.22	1
(m,p)-Xylene	108-38-3	1	2.28	ug/L		.3	2
o-Xylene	95-47-6	1	ND	ug/L	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	96	%			
SW846 Method 5030/8015 Mod.							
Preparation Date: 28-DEC-95							
Analysis Date: 28-DEC-95 15:34							
Workgroup Number: WG5259							
GRO	N/A	1	.21	mg/L		.05	.1
Bromofluorobenzene	SURROGATE	1	96	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-02
Project Number: BANG FUELING AREA
Sample ID: L2397-89
Site / Project ID: EQUIPMENT BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 13:41							
Workgroup Number: WG5334							
Acetone	67-64-1	1	ND	ug/L	U	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	U	.5	100
Acrolein	107-02-8	1	ND	ug/L	U	.5	100
Acrylonitrile	107-13-1	1	ND	ug/L	U	.5	100
Allyl chloride	107-05-1	1	ND	ug/L	U	.5	5
Benzene	71-43-2	1	ND	ug/L	U	.39	5
Benzyl chloride	100-44-7	1	ND	ug/L	U	.5	100
Bromodichloromethane	75-27-4	1	ND	ug/L	U	.64	5
Bromoform	75-25-2	1	ND	ug/L	U	.47	5
Bromomethane	74-83-9	1	ND	ug/L	U	.49	10
2-Butanone	78-93-3	1	ND	ug/L	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/L	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	U	.5	5
Chloroethane	75-00-3	1	ND	ug/L	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	U	.5	10
Chloroform	67-66-3	1	ND	ug/L	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.5	5
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	U	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	5

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-02
Project Number: BANG FUELING AREA
Sample ID: L2397-89
Site / Project ID: EQUIPMENT BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/L	U	.75	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	U	.5	5
2-Hexanone	591-78-6	1	ND	ug/L	U	.5	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	U	.5	100
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	100
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	5
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	5
Methyl methacrylate	80-62-6	1	ND	ug/L	U	.5	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	50
Pentachloroethane	76-01-7	1	ND	ug/L	U	.5	10
Propionitrile	107-12-0	1	ND	ug/L	U	.5	100
Styrene	100-42-5	1	ND	ug/L	U	.72	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	U	.45	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/L	U	.49	5
Toluene	108-88-3	1	ND	ug/L	U	.85	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/L	U	.42	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	5
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	50
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	2
Xylene (Total)	1330-20-7	1	2.8	ug/L	J	.5	5
Dibromofluoromethane	SURROGATE	1	100	%			
Toluene-d8	SURROGATE	1	99	%			
4-Bromofluorobenzene	SURROGATE	1	107	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-02
Project Number: BANG FUELING AREA
Sample ID: L2397-89
Site / Project ID: EQUIPMENT BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

SW846 Methods 5030/8020

Preparation Date: 28-DEC-95

Analysis Date: 28-DEC-95 16:11

Workgroup Number: WG5257

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
Benzene	71-43-2	5	ND	ug/L	U	.25	5
Ethylbenzene	100-41-4	5	ND	ug/L	U	.4	5
Toluene	108-88-3	5	ND	ug/L	U	1.1	5
(m,p)-Xylene	108-38-3	5	ND	ug/L	U	1.5	10
o-Xylene	95-47-6	5	ND	ug/L	U	.51	5
4-Bromofluorobenzene	SURROGATE	1	91	%			

SW846 Method 5030/8015 Mod.

Preparation Date: 28-DEC-95

Analysis Date: 28-DEC-95 16:11

Workgroup Number: WG5259

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
GRO	N/A	5	ND	mg/L	U	.25	.5
Bromofluorobenzene	SURROGATE	1	91	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-03
Project Number: BANG FUELING AREA
Sample ID: L2397-90
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 8240							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 14:22							
Workgroup Number: WG5334							
Acetone	67-64-1	1	ND	ug/L	U	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	U	.5	100
Acrolein	107-02-8	1	ND	ug/L	U	.5	100
Acrylonitrile	107-13-1	1	ND	ug/L	U	.5	100
Allyl chloride	107-05-1	1	ND	ug/L	U	.5	5
Benzene	71-43-2	1	ND	ug/L	U	.39	5
Benzyl chloride	100-44-7	1	ND	ug/L	U	.5	100
Bromodichloromethane	75-27-4	1	ND	ug/L	U	.64	5
Bromoform	75-25-2	1	ND	ug/L	U	.47	5
Bromomethane	74-83-9	1	ND	ug/L	U	.49	10
2-Butanone	78-93-3	1	ND	ug/L	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/L	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	U	.5	5
Chloroethane	75-00-3	1	ND	ug/L	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	U	.5	10
Chloroform	67-66-3	1	4.1	ug/L	J	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.5	5
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	U	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	5

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-03
Project Number: BANG FUELING AREA
Sample ID: L2397-90
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/L	U	.75	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	U	.5	5
2-Hexanone	591-78-6	1	ND	ug/L	U	.5	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	U	.5	100
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	100
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	5
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	5
Methyl methacrylate	80-62-6	1	ND	ug/L	U	.5	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	50
Pentachloroethane	76-01-7	1	ND	ug/L	U	.5	10
Propionitrile	107-12-0	1	ND	ug/L	U	.5	100
Styrene	100-42-5	1	ND	ug/L	U	.72	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	U	.45	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/L	U	.49	5
Toluene	108-88-3	1	ND	ug/L	U	.85	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/L	U	.42	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	5
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	50
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	2
Xylene (Total)	1330-20-7	1	ND	ug/L	U	.5	5
Dibromofluoromethane	SURROGATE	1	93	%			
Toluene-d8	SURROGATE	1	93	%			
4-Bromofluorobenzene	SURROGATE	1	100	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-03
Project Number: BANG FUELING AREA
Sample ID: L2397-90
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 16:08							
Workgroup Number: WG5256							
Benzene	71-43-2	1	ND	ug/L	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/L	U	.079	1
Toluene	108-88-3	1	ND	ug/L	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/L	U	.3	2
o-Xylene	95-47-6	1	ND	ug/L	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	100	%			
SW846 Method 5030/8015 Mod.							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 16:08							
Workgroup Number: WG5258							
GRO	N/A	1	ND	mg/L	U	.05	.1
Bromofluorobenzene	SURROGATE	1	100	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: BG
Project Number: BANG FUELING AREA
Sample ID: L2397-92
Site / Project ID: BKGRND LOC. 0-2 FT D
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

SW846 Method 8240

Preparation Date: 28-DEC-95

Analysis Date: 28-DEC-95 03:27

Workgroup Number: WG5336

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
Acetone	67-64-1	2	29	ug/Kg	J	1	200
Benzene	71-43-2	2	ND	ug/Kg	U	.78	10
Bromodichloromethane	75-27-4	2	ND	ug/Kg	U	1	10
Bromoform	75-25-2	2	ND	ug/Kg	U	.93	10
Bromomethane	74-83-9	2	ND	ug/Kg	U	.97	20
2-Butanone	78-93-3	2	ND	ug/Kg	U	1	200
Carbon disulfide	75-15-0	2	ND	ug/Kg	U	1	200
Carbon tetrachloride	56-23-5	2	ND	ug/Kg	U	2.7	10
Chlorobenzene	108-90-7	2	ND	ug/Kg	U	.87	10
Chlorodibromomethane	124-48-1	2	ND	ug/Kg	U	1	10
Chloroethane	75-00-3	2	ND	ug/Kg	U	1.1	20
2-Chloroethyl vinyl ether	110-75-8	2	ND	ug/Kg	U	1	20
Chloroform	67-66-3	2	ND	ug/Kg	U	2.7	10
Chloromethane	74-87-3	2	ND	ug/Kg	U	4	20
1,2-Dichlorobenzene	95-50-1	2	ND	ug/Kg	U	1	10
1,3-Dichlorobenzene	541-73-1	2	ND	ug/Kg	U	1	10
1,4-Dichlorobenzene	106-46-7	2	ND	ug/Kg	U	1	10
1,1-Dichloroethane	75-34-3	2	ND	ug/Kg	U	3.4	10
1,2-Dichloroethane	107-06-2	2	ND	ug/Kg	U	4.2	10
1,1-Dichloroethene	75-35-4	2	ND	ug/Kg	U	.95	10
trans-1,2-Dichloroethene	156-60-5	2	ND	ug/Kg	U	1.1	10
1,2-Dichloropropane	78-87-5	2	ND	ug/Kg	U	1	10
cis-1,3-Dichloropropene	10061-01-5	2	ND	ug/Kg	U	1.6	10
trans-1,3-Dichloropropene	10061-02-6	2	ND	ug/Kg	U	1.1	10
Ethylbenzene	100-41-4	2	ND	ug/Kg	U	1.5	10
2-Hexanone	591-78-6	2	ND	ug/Kg	U	1	100
Methylene chloride	75-09-2	2	ND	ug/Kg	U	1.5	10
4-Methyl-2-pentanone	108-10-1	2	ND	ug/Kg	U	1	100
Styrene	100-42-5	2	ND	ug/Kg	U	1.4	10
1,1,2,2-Tetrachloroethane	79-34-5	2	ND	ug/Kg	U	1.3	10
Tetrachloroethene	127-18-4	2	ND	ug/Kg	U	.98	10
Toluene	108-88-3	2	ND	ug/Kg	U	1.7	10

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: BG
Project Number: BANG FUELING AREA
Sample ID: L2397-92
Site / Project ID: BKGRND LOC. 0-2 FT D
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
1,1,1-Trichloroethane	71-55-6	2	ND	ug/Kg	U	3.4	10
1,1,2-Trichloroethane	79-00-5	2	ND	ug/Kg	U	2.5	10
Trichloroethene	79-01-6	2	ND	ug/Kg	U	.84	10
Trichlorofluoromethane	75-69-4	2	ND	ug/Kg	U	1	10
Vinyl chloride	75-01-4	2	ND	ug/Kg	U	.94	4
Xylene (Total)	1330-20-7	2	ND	ug/Kg	U	1	10
Dibromofluoromethane	SURROGATE	1	115	%			
Toluene-d8	SURROGATE	1	100	%			
4-Bromofluorobenzene	SURROGATE	1	97	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: BG
Project Number: BANG FUELING AREA
Sample ID: L2397-92
Site / Project ID: BKGRND LOC. 0-2 FT D
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Method 5030/8020							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 21:31							
Workgroup Number: WG5244							
Benzene	71-43-2	1	ND	ug/Kg	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	U	.079	1
Toluene	108-88-3	1	ND	ug/Kg	U	.22	1
(m,p)-Xylene	108-38-3	1	4.2	ug/Kg		.3	2
o-Xylene	95-47-6	1	3.04	ug/Kg		.1	1
4-Bromofluorobenzene	SURROGATE	1	91	%			
SW846 Method 5030/8015M							
Preparation Date: 21-DEC-95							
Analysis Date: 21-DEC-95 21:31							
Workgroup Number: WG5240							
GRO	N/A	1	.78	mg/Kg		.05	.1
Bromofluorobenzene	SURROGATE	1	91	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: BANG FUELING AREA
Sample ID: L2397-93
Site / Project ID: TRIP BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

SW846 Method 8240

Preparation Date: 21-DEC-95

Analysis Date: 21-DEC-95 12:20

Workgroup Number: WG5334

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
Acetone	67-64-1	1	ND	ug/L	U	.5	100
Acetonitrile	75-05-8	1	ND	ug/L	U	.5	100
Acrolein	107-02-8	1	ND	ug/L	U	.5	100
Acrylonitrile	107-13-1	1	ND	ug/L	U	.5	100
Allyl chloride	107-05-1	1	ND	ug/L	U	.5	5
Benzene	71-43-2	1	ND	ug/L	U	.39	5
Benzyl chloride	100-44-7	1	ND	ug/L	U	.5	100
Bromodichloromethane	75-27-4	1	ND	ug/L	U	.64	5
Bromoform	75-25-2	1	ND	ug/L	U	.47	5
Bromomethane	74-83-9	1	ND	ug/L	U	.49	10
2-Butanone	78-93-3	1	ND	ug/L	U	.5	100
Carbon disulfide	75-15-0	1	ND	ug/L	U	.5	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	U	1.4	5
Chlorobenzene	108-90-7	1	ND	ug/L	U	.44	5
Chlorodibromomethane	124-48-1	1	ND	ug/L	U	.5	5
Chloroethane	75-00-3	1	ND	ug/L	U	.54	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	U	.5	10
Chloroform	67-66-3	1	ND	ug/L	U	1.4	5
Chloromethane	74-87-3	1	ND	ug/L	U	2	10
Chloroprene	126-99-8	1	ND	ug/L	U	.5	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	U	.61	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	U	.5	5
Dibromomethane	74-95-3	1	ND	ug/L	U	1.4	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	U	.5	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	U	.43	10
1,1-Dichloroethane	75-35-3	1	ND	ug/L	U	1.7	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	U	2.1	5
1,1-Dichloroethene	75-35-4	1	ND	ug/L	U	.48	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	U	.55	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	U	.55	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	U	.51	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	U	.78	5

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: BANG FUELING AREA
Sample ID: L2397-93
Site / Project ID: TRIP BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	U	.55	5
Ethylbenzene	100-41-4	1	ND	ug/L	U	.75	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	U	.5	5
2-Hexanone	591-78-6	1	ND	ug/L	U	.5	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	U	.5	100
Methacrylonitrile	126-98-7	1	ND	ug/L	U	.5	100
Methylene chloride	75-09-2	1	ND	ug/L	U	.75	5
Methyl iodide	74-88-4	1	ND	ug/L	U	.5	5
Methyl methacrylate	80-62-6	1	ND	ug/L	U	.5	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	U	.5	50
Pentachloroethane	76-01-7	1	ND	ug/L	U	.5	10
Propionitrile	107-12-0	1	ND	ug/L	U	.5	100
Styrene	100-42-5	1	ND	ug/L	U	.72	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	U	.45	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	U	.63	5
Tetrachloroethene	127-18-4	1	ND	ug/L	U	.49	5
Toluene	108-88-3	1	ND	ug/L	U	.85	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	U	1.7	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	U	1.2	5
Trichloroethene	79-01-6	1	ND	ug/L	U	.42	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	U	1.1	5
Vinyl acetate	108-05-4	1	ND	ug/L	U	.5	50
Vinyl chloride	75-01-4	1	ND	ug/L	U	.47	2
Xylene (Total)	1330-20-7	1	ND	ug/L	U	.5	5
Dibromofluoromethane	SURROGATE	1	97	%			
Toluene-d8	SURROGATE	1	92	%			
4-Bromofluorobenzene	SURROGATE	1	101	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
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 MDL - Method Detection Limit
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Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: BANG FUELING AREA
Sample ID: L2397-93
Site / Project ID: TRIP BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

Analyte	CAS No.	Dil	Sample Conc.	Units	Qual	MDL	RL
SW846 Methods 5030/8020							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 17:29							
Workgroup Number: WG5256							
Benzene	71-43-2	1	ND	ug/L	U	.05	1
Ethylbenzene	100-41-4	1	ND	ug/L	U	.079	1
Toluene	108-88-3	1	ND	ug/L	U	.22	1
(m,p)-Xylene	108-38-3	1	ND	ug/L	U	.3	2
o-Xylene	95-47-6	1	ND	ug/L	U	.1	1
4-Bromofluorobenzene	SURROGATE	1	104	%			
SW846 Method 5030/8015 Mod.							
Preparation Date: 27-DEC-95							
Analysis Date: 27-DEC-95 17:29							
Workgroup Number: WG5258							
GRO	N/A	1	ND	mg/L	U	.05	.1
Bromofluorobenzene	SURROGATE	1	104	%			

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

APPENDIX F
FIELD NOTEBOOK PAGES

①

Dec. 13, 1995

Arrived at site at 7:45 AM

After checking in, entered Fueling Area
Briefed personnel.

Calibrated Minirae PID at 8:12 AM

Calibration gas is 100 ppm Isobutylene.

Ambient temp is 17°C

Background readings taken around
area at 8:25 AM. Background readings were
0.0 ppm

Depth Field Blank of DI Water Sample # 951213-01
Interval taken at 8:32 AM.

	Location #1	Sample #	Headspace	hdg	ppm
0-2'	F. 40	F1-D clay	180	400	770 *

4-6'	8:48	F1-4 ^{BIOWE} F1-4	Shaly clay	4	5	6 *
------	------	---------------------------------------	------------	---	---	-----

9-11'	8:55	F1-9	Sandy	1	1.5	1.7
-------	------	------	-------	---	-----	-----

14-16'	9:05	F1-14	Sandy	2	4	5
--------	------	-------	-------	---	---	---

(2)

9:10 Location #1 was gelled with Bentonite

9:16 AM Moved to Location No. 2

			PID		
			Min	Avg	Max
0-2'	F2-0	Clay clayish #1 discoloring	2000	2000	2000

4-6'	F2-4	Sandy Clay	31	40	48
------	------	---------------	----	----	----

9-11	F2-9	Sandy	4	11	17
------	------	-------	---	----	----

			0.5	1	2
14-16'	F2-14	SANDY	4	11	17

Am

9:35 AM Location #2 Complete

Hole sealed with bentonite

(3)

Moved to
9:40 AM Location #3

				min	PID Avg	Max
OK	0-2'	F3-0	Clay	2000	2000	7200
2000	6-6'	F3-4	Clay	18	40	49
48	9-11'	F3-9	Sandy	6	7	8
	14-16	F3-14	Sandy	2	5	7

17 10:10 AM Filled Location #3 with bentonite

2 10:15 AM moved to Location #4
Rock Clogged first try in location

Moved Location 1' N and 2' West of original

				min	PID Avg	Max
And	0-2	F4-0	Sandy Clay	700	1500	2000
	4-6	F4-4	Sandy Clay	2000	2000	7200
	9-11	F4-9	SANDY CLAY	21	35	41
	14-16	F4-14	SANDY	30	50	72

10:45 Closed Location 4
and moved to Location #5

④

INTENTIONALLY LEFT BLANK

(5)

INTENTIONALLY LEFT BLANK

(6)

	Location #	Soil Type	Min	PTD Avg	Max
0-2	FS-0	Slay	220	350	455
4-6	FS-4	Sandy Clay	2000	2000	7200

9-11	FS-9	Sandy	6	12	16
------	------	-------	---	----	----

14-16	FS-14	Sandy	14	17	23
-------	-------	-------	----	----	----

Filled hole with Bentonite

12:50 PM after Fuel Truck left

Resumed sampling at

Moved to Location #6

	Location #	Soil Type	Min	PTD Avg	Max
0-2	F6-0	Clay	2000	2000	7200

4-6	F6-4	Sandy	2000	2000	7200
-----	------	-------	------	------	------

9-11	F6-9	Sandy	16	20	32
------	------	-------	----	----	----

14-16	F6-14	SANDY	32	40	47
-------	-------	-------	----	----	----

Note Location #6 was moved to 1' South.
7 where it was originally marked

⑦

1:25 PM

Location #7

PID

Soil Type

Min Avg Max

0-2

F7-0

Clay

1500 2000 720

4-6

F7-4

Sandy

40 60 6

9-11

F7-9

SANDY

6 12 13

14-16

F7-14

Sandy

7 12 19

2:20 PM

LOCATION #9

PID

DEPTH

LOCATION ID

SOIL TYPE

MIN

AUG.

MAX.

0-2

F9-0

SANDY

2 2.5 3

4-6

F9-4

SANDY

0 0.5 0.8

9-11

F9-9

SANDY

0.5 1 1.2

14-16

F9-14

SANDY

1.0 1.2 1.3

(8)

2:50 PM Location #10

		Soil Type	Item	PII Avg	Max
0-2	F10-0	Sandy	4	6	7

4-6	F10-4	Sandy	3	5	9
-----	-------	-------	---	---	---

9-11	F10-9	SANDY	2	2.5	3
------	-------	-------	---	-----	---

14-16	F10-14	SANDY	20	27	35
-------	--------	-------	----	----	----

3:03 PM Location #11

			Min	Avg	Max
0-2	F11-0	Sandy Clay	24	28	31

4-6	F11-4	CLAY	35	45	52
-----	-------	------	----	----	----

9-11	F11-9	Sandy Clay	6	10	16
------	-------	------------	---	----	----

14-16	F11-14	SANDY CLAY	5	7	12
-------	--------	--------------------------	---	---	----

(9)

3:45

~~3:35 PM~~ Location #8

Soil type Min Avg Max

0-2' F8-0 CLAY ϕ ϕ ϕ

4-6' F8-4 CLAY ϕ ϕ ϕ

9-11' F8-9 CLAY, sand 1 1.5 2.5

14-16' F8-14 0.1 0.2 0.3

NOTE: LOCATION #8 WAS MOVED 9 FT EAST OF ORIGINAL LOCATION

FINISHED UP AND PACKED UP TO LEAVE SITE AT 4:20

~~PERMIT, ELEC-DI, 705~~

10

DEC. 14, 1995

ARRIVED ON SITE AT 7:15 AM

CALIBRATED PID AT 7:30 USING ϕ GAS CARTRIDGE AND
100 PPM ISOBUTYLENE GAS STANDARD

PARTLY CLOUDY, 2°C AT 7:40

TOOK BACKGROUND READING AT SITE W/ PID AT 7:45: 0.0 ppm

7:35 AM BB (Background) Location

TOOK a background sample	PID
BB-0	READING:
0-2' depth	0.0

(11)

LOCATION #15 STARTED AT 7:55

PID (PFM)

		SOIL TYPE	MIN	Avg.	MAX
0-2'	F15-0	GRAVELLY CLAY	120	145	163
4-6'	F15-4	CLAY	1.0	1.2	1.6
9-11'	F15-9	SANDY	1.6	1.7	2.0
14-16'	F15-14	SANDY	1.3	1.4	1.5

NOTE: LOCATION #15 MOVED 7.5 FT NORTH OF ORIGINAL LOCATION

LOCATION #16 STARTED AT 8:25

PID (PFM)

		SOIL TYPE	MIN	Avg.	MAX
0-2'	F16-0	SILTY CLAY	690	860	1200
4-6'	F16-4	CLAY	3	3.5	4
9-11'	F16-9	SANDY CLAY	1.0	1.0	1.1
14-16'	F16-14	SANDY	1.0	1.1	1.2

(12)

STARTED LOCATION #17 AT 8:55

PID (PPM)

SOIL
TYPE
GRAVELLY

MIN

AVG.

MAX.

0-2' F17-0

83

100

113

4-8' F17-4

SANDY
CLAY

0.4

0.6

^{144/45}
~~1.6~~ 0.7

9-11' F17-9

SANDY

0.4

0.5

0.7

14-16' F17-11

SANDY

0.5

0.7

0.9

STARTED LOCATION #18 AT 9:32

PID (PPM)

SOIL
TYPE
GRAVELLY
CLAY

MIN

AVG.

MAX

0-2' F18-0

90

160

240

4-6' F18-4

SILTY
CLAY

3

5

7

9-11' F18-9

SANDY

5

6

7

14-16' F18-11

SANDY

0.3

0.5

0.8

(13)

STARTED LOCATION #19 AT 10:00

		SOIL TYPE	MIN.	PID (PPM)	
				AVG.	MAX.
0-2'	F19-0	GRAVELY	240	450	670

4-6'	F19-4	SILTY CLAY	0.4	0.5	0.6
------	-------	---------------	-----	-----	-----

9-11'	F19-8 F19-9	SANDY	0.4	0.6	0.8
-------	---------------------------	-------	-----	-----	-----

14-16'	F19-14	SANDY	0.1	0.2	0.4
--------	--------	-------	-----	-----	-----

10:35 TOOK BLANKS

951214-01 DISTILLED WATER RUN THROUGH SAMPLE EQUIPMENT

951214-02 SAMPLE OF DISTILLED RINSE WATER

STARTED LOCATION #20 AT 10:35

		SOIL TYPE	MIN.	PID (PPM)	
				AVG.	MAX.
0-2'	F20-0	GRAVELY CLAY	120	150	166

4-6'	F20-4	CLAY	0.6	1.4	1.9
------	-------	------	-----	-----	-----

9-11'	F20-9	SANDY CLAY	0.3	0.6	0.9
-------	-------	---------------	-----	-----	-----

14-16'	F20-14	SANDY	0.4	0.5	0.6
--------	--------	-------	-----	-----	-----

(14)

LEFT SITE FOR LUNCH AT 11:11

RETURNED TO SITE 12:20

PATCHED HOLES IN ASPHALT AT 12:35

STARTED LOCATION #12 AT 12:40

		SOIL TYPE	PID (PPM)		
			MIN.	AVG.	MAX.
0-2'	F12-D	SILTY	0.5	0.7	0.9
			1.3	1.7	1.9 1.7/1.9
4-6'	F12-4	SILTY	1.3	1.7	1.9
9-11'	F12-9	SILTY	1	3	4
14-16'	F12-14	SILTY SAND	0.6	0.7	0.9

TOOK SAMPLE OF IDW

(15)

STARTED LOCATION #13 AT 1:00

DEPTH INTERVAL	SOIL TYPE	PID (PPM)		
		MIN.	AVG.	MAX.
0-2'	F13-0 SILTY CLAY	0.3	0.5	0.7

4-6'	F13-4 SILTY SAND	0.4	0.5	0.6
------	---------------------	-----	-----	-----

9-11	F13-9 SANDY SILT	0.4	0.8	1.1
------	---------------------	-----	-----	-----

14-16	F13-14 SANDY CLAY	0.6	0.8	1.2
-------	----------------------	-----	-----	-----

STARTED LOCATION #14 AT 1:20

DEPTH INTERVAL	SOIL TYPE	PID (PPM)		
		MIN	AVG.	MAX.
0-2'	F14-0 SILTY CLAY	0.2	0.5	0.6

4-6'	F14-4	0.2	0.4	0.5
4-6'	F14-4 clay	0.2	0.4	0.5

9-11'	F14-9 SILTY CLAY	0.3	0.5	0.7
-------	---------------------	-----	-----	-----

14-16'	F14-14 SILTY CLAY	0.1	0.2	0.3
--------	----------------------	-----	-----	-----

(16)

STARTED LOCATION #21 AT 2:18

STARTED LOCATION # 21		PID (ppm)			
DEPTH INTERVAL	SOIL TYPE	MIN	AVG.	MAX	
0-2'	F21-0	CLAY	0.2	0.3	0.4
4-6'	F21-4	SILTY CLAY	0.1	0.3	0.4
9-11'	F21-9	SILTY CLAY	0.3	0.3	0.4
14-16'	F21-14	SILTY CLAY	0.4	0.5	0.6

2:25pm TOOK RINSE BLANK

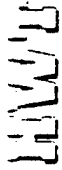
COOLER CLOSED UP AT 2:55

APPENDIX G
CHAIN OF CUSTODY FORM

CHAIN OF CUSTODY RECORD

HazWaste Technologies® Corporation

Project No. Project		Buckley Air Base Fueling Area		Project		ANALYSIS REQUIRED		COMMENTS									
Sample Number		Date	Time	Comp	Grab	Description of Location	No. of Cont.	BTEX (ppm)	TVPH (ppm)	Volatile Organics (ppm)							
951213-01		12/13/95	08:32		X	DECON BLANK	1	X	X	X							STANDARD T/A
F1-0		12/13/95	08:40		X	LOCATION 1 0-2 FT DEPTH	1	X	X	X							
F1-4		12/13/95	08:48		X	LOCATION 1 4-6 FT DEPTH	1	X	X	X							
F1-9		12/13/95	08:55		X	LOCATION 1 9-11 FT DEPTH	1										HOLD
F1-14		12/13/95	09:05		X	LOCATION 1 14-16 FT DEPTH	1										HOLD
F2-0		12/13/95	09:16		X	LOCATION 2 0-2 FT DEPTH	1	X	X	X							
F2-4		12/13/95	09:25		X	LOCATION 2 4-6 FT DEPTH	1	X	X	X							
F2-9		12/13/95	09:30		X	LOCATION 2 9-11 FT DEPTH	1										HOLD
F2-14		12/13/95	09:35		X	LOCATION 2 14-16 FT DEPTH	1										HOLD
F3-0		12/14/95	09:40		X	LOCATION 3 0-2 FT DEPTH	1	X	X	X							
Relinquished by:		Name: ERIC MARLEN		Date/Time: 12/15/95		Received by:		Name: Jane Dinges		Means of Delivery:		Remarks:					
Signature: <i>Eric Marlen</i>		Signature: <i>Jane Dinges</i>		Signature: <i>Jane Dinges</i>		Signature: <i>Jane Dinges</i>		Signature: <i>Jane Dinges</i>		Signature: <i>Jane Dinges</i>		Signature: <i>Jane Dinges</i>					
Company: HWT		Company: HazWaste Technologies		Company: HazWaste Technologies		Company: HazWaste Technologies		Company: HazWaste Technologies		Company: HazWaste Technologies		Company: HazWaste Technologies					
Relinquished by:		Name:		Date/Time:		Received by:		Name:		Means of Delivery:		Remarks:					
Signature:		Signature:		Signature:		Signature:		Signature:		Signature:		Signature:					
Company:		Company:		Company:		Company:		Company:		Company:		Company:					
HWT Purchase Order Number		951215-01															



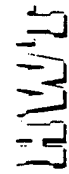
CHAIN OF CUSTODY RECORD

Project No.		Project		ANALYSIS REQUIRED				COMMENTS	
Buckley Area Base Fueling Area									
Samplers: (Name)				(Signature)					
ERIC MARLER									
AJVIN WARAN									
Sample Number	Date	Time	Cont	Grab	Description of Location	No. of Cont.	BTEX (805)	TVPH (805)	Volatiles (805)
F3-4	12/13/95	09:45		X	LOCATION 3 4-6 FT DEPTH	1	X	X	X
F3-9	12/13/95	09:50		X	LOCATION 3 9-11 FT DEPTH	1			
F3-14	12/13/95	09:55		X	LOCATION 3 14-16 FT DEPTH	1			
F4-0	12/13/95	10:10		X	LOCATION 4 0-2 FT DEPTH	1	X	X	X
F4-4									
F4-4	12/13/95	10:15		X	LOCATION 4 4-6 FT DEPTH	1	X	X	X
F4-9	12/13/95	10:20		X	LOCATION 4 9-11 FT DEPTH	1			
F4-14	12/13/95	10:25		X	LOCATION 4 14-16 FT DEPTH	1			
F5-0	12/13/95	10:30		X	LOCATION 5 0-2 FT DEPTH	1	X	X	X
F5-4	12/13/95	10:35		X	LOCATION 5 4-6 FT DEPTH	1	X	X	X
Relinquished by:				Received by:		Means of Delivery:		Remarks:	
Name: ERIC MARLER				Name: Jane Dinges		PERSONAL DELIVERY			
Signature:				Signature: Jane Dinges		12-15-95 1705			
Company: HWT				Company: HazWaste Technologies					
Relinquished by:				Received by:		Means of Delivery:		Remarks:	
Name:				Name:					
Signature:				Signature:					
Company:				Company:					
HWT Purchase Order Number				P951215-01					

CHAIN OF CUSTODY RECORD

HazWaste Technologies® Corporation

Project No.		Project		ANALYSIS REQUIRED										COMMENTS	
Buckley ANG Base Fueling Area		(Signature)													
Samplers: (Name)															
ERIC MARLER															
ASVIN WARAN															
Sample Number	Date	Time	Comp	Grab	Description of Location	No. of Cont.	BTEX (D20)	VOCs (D20)	TPH (D20)	Other					
FS-9	12/13/95	10:40		X	LOCATION 5 9-11 FT DEPTH	1									STANDARD T/A
FS-14	12/13/95	10:45		X	LOCATION 5 14-16 FT DEPTH	1									HOLD
FG-10	12/13/95	13:11		X	LOCATION 6 0-2 FT DEPTH	1	X	X							HOLD
FG-4	12/13/95	13:20		X	LOCATION 6 4-6 FT DEPTH	1	X	X							
FG-9	12/13/95	13:25		X	LOCATION 6 9-11 FT DEPTH	1									HOLD
FG-14	12/13/95	13:30		X	LOCATION 6 14-16 FT DEPTH	1									HOLD
FG-10	12/13/95	13:25		X	LOCATION 7 0-2 FT DEPTH	1	X	X							
FG-4	12/13/95	13:30		X	LOCATION 7 4-6 FT DEPTH	1	X	X							
FG-9															
FG-9	12/13/95	13:35		X	LOCATION 7 9-11 FT DEPTH	1									HOLD
Relinquished by:		Name: ERIC MARLER		Date/Time		Received by:		Name: Jane Dinges		Means of Delivery:		Remarks:			
Signature: <i>[Signature]</i>						Signature: <i>[Signature]</i>		Company: HazWaste Technologies		PENNSA DELIVERY					
Company: HWT						Received by:		Name:		Means of Delivery:		Remarks:			
Name:				Date/Time		Name:		Signature:							
Signature:						Company:		Company:							
Company:															
HWT Purchase Order Number		P951215-01													



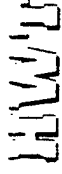
CHAIN OF CUSTODY RECORD

Project No.		Project		ANALYSIS REQUIRED				COMMENTS					
Sample Number		Date	Time	Comp	Grab	Description of Location	No. of Cont.	BTEX (2010)	THP (2011)	Volatile Organics (2012)			
F7-14		12/13/95	13:40		X	LOCATION 7 14-16 FT DEPTH	1						STANDARD T/A
F8-0		12/13/95	15:45		X	LOCATION 8 0-2 FT DEPTH	1						HOLD
F8-4		12/13/95	15:50		X	LOCATION 8 4-6 FT DEPTH	1						HOLD
F8-9		12/13/95	15:55		X	LOCATION 8 9-11 FT DEPTH	1						HOLD
F8-14		12/13/95	16:00		X	LOCATION 8 14-16 FT DEPTH	1						HOLD
F9-0		12/13/95	14:40		X	LOCATION 9 0-2 FT DEPTH	1	X	X	X			
F9-4		12/13/95	14:45		X	LOCATION 9 4-6 FT DEPTH	1						HOLD
F9-9		12/13/95	14:50		X	LOCATION 9 9-11 FT DEPTH	1						HOLD
F9-14		12/13/95	14:55		X	LOCATION 9 LOCATION 9 14-16 FT DEPTH	1	X	X	X			
F10-0		12/13/95	14:55		X	LOCATION 10 0-2 FT DEPTH	1	X	X	X			
Relinquished by:		Date/Time		Received by:		Means of Delivery:		Remarks:					
Name: ERIC MARLER		12/15/95		Name: Jane Dinges		PERSONAL DELIVERY							
Signature: [Signature]		17:05		Signature: Jane Dinges		12/15/95 1705							
Company: HWT				Company: HazWaste Technologies									
Relinquished by:		Date/Time		Received by:		Means of Delivery:		Remarks:					
Name:				Name:									
Signature:				Signature:									
Company:				Company:									
HWT Purchase Order Number		985 1215-01											

CHAIN OF CUSTODY RECORD



Project No. Project		Description of Location				ANALYSIS REQUIRED				COMMENTS	
Samplers: (Name) (Signature)		Sample Number	Date	Time	Grab	Comp	No. of Cont.	BTX (P025)	TVH (P015)		LEAKAGE (P014)
ERIC MARLER		F10-4	12/13/95	14:55	X		1				STANDARD T/A
ASVIN WIRAN		F10-7	12/13/95	14:58	X		1				HOLD
		F10-14	12/13/95	15:00	X		1	X	X	X	HOLD
		F11-0	12/13/95	15:03	X		1	X	X		HOLD
		F11-1	12/13/95	15:10	X		1	X	X		HOLD
		F11-9	12/13/95	15:15	X		1				HOLD
		F11-14	12/13/95	15:20	X		1				HOLD
		TRIP BLANK	12/13/95		X		1	X	X	X	
					X		2	X	X	X	
Relinquished by: Name: ERIC MARLER		Date/Time	Received by: Name: Jane Dirges				Means of Delivery: PERSONAL DELIVERY				Remarks:
Signature: [Signature]		12/15/95	Signature: [Signature]				12/15/95				
Company: HWT			Company: HazWaste Technologies								
Relinquished by: Name:		Date/Time	Received by: Name:				Means of Delivery:				Remarks:
Signature:			Signature:								
Company:			Company:								
HWT Purchase Order Number: 9951215-01											



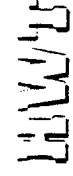
CHAIN OF CUSTODY RECORD

Project No.		Project		ANALYSIS REQUIRED										COMMENTS						
Sample Number		Date	Time	Comp	Grab	Description of Location	No. of Cont.	BTEX (GAS)	TVPH (GAS)	VOLATILE ORGANICS (GAS)										
F15-0		12/14/95	07:55		X	LOCATION 15	0-2 FT DEPTH	1	X	X		STANDARD T/A								
F15-4		12/14/95	08:00		X	LOCATION 15	4-6 FT DEPTH	1												
F15-9		12/14/95	08:05		X	LOCATION 15	9-11 FT DEPTH	1	X	X		HOLD								
F15-14		12/14/95	08:10		X	LOCATION 15	14-16 FT DEPTH	1												
F16-0		12/14/95	08:25		X	LOCATION 16	0-2 FT DEPTH	1	X	X		HOLD								
F16-4		12/14/95	08:30		X	LOCATION 16	4-6 FT DEPTH	1	X	X										
F16-9		12/14/95	08:35		X	LOCATION 16	9-11 FT DEPTH	1				HOLD								
F16-14		12/14/95	08:40		X	LOCATION 16	14-16 FT DEPTH	1	X	X										
F17-0		12/14/95	08:55		X	LOCATION 17	0-2 FT DEPTH	1	X	X										
F17-4		12/14/95	09:00		X	LOCATION 17	4-6 FT DEPTH	1				HOLD								
Relinquished by:		Date/Time		Received by:		Means of Delivery:										Remarks:				
Name: ERIC MARLER		12/15/95		Name: Jane Dinges		PERMANENT DELIVERY														
Signature:		17:05		Signature: Jane Dinges		425 1705														
Company: HWT				Company: Hazardous Waste Disposal																
Relinquished by:		Date/Time		Received by:		Means of Delivery:										Remarks:				
Name:				Name:																
Signature:				Signature:																
Company:				Company:																
HWT Purchase Order Number												9451215-01								

CHAIN OF CUSTODY RECORD

HazWaste Technologies® Corporation

Project No.		Project		ANALYSIS REQUIRED										COMMENTS	
Sample Number		Date	Time	Comp	Grab	Description of Location	No. of Cont.	BTX	THP	Leakage Organics					
F17-9		12/14/95	09:05		X	LOCATION 17	9-11 FT DEPTH	1							Synthetic T/A
F17-14		12/14/95	09:10		X	LOCATION 17	14-16 FT DEPTH	1							HOLD
F18-0		12/14/95	09:32		X	LOCATION 18	0-2 FT DEPTH	1	X	X	X				HOLD
F18-4		12/14/95	09:35		X	LOCATION 18	4-6 FT DEPTH	1							HOLD
F18-9		12/14/95	09:40		X	LOCATION 18	9-11 FT DEPTH	1	X	X	X				HOLD
F18-14		12/14/95	09:45		X	LOCATION 18	14-16 FT DEPTH	1							HOLD
F19-0		12/14/95	10:00		X	LOCATION 19	0-2 FT DEPTH	1	X	X	X				HOLD
F19-4		12/14/95	10:05		X	LOCATION 19	4-6 FT DEPTH	1							HOLD
F19-9		12/14/95	10:10		X	LOCATION 19	9-11 FT DEPTH	1							HOLD
F19-14		12/14/95	10:15		X	LOCATION 19	14-16 FT DEPTH	1							HOLD
Relinquished by: Name: ERIC MARLEN Signature: <i>[Signature]</i> Company: HWT		Date/Time 12/15/95 17:05	Received by: Name: Jane Dinges Signature: <i>[Signature]</i> Company: HazWaste Technologies		Means of Delivery: Personal Delivery				Remarks:						
Relinquished by: Name: Signature: Company:		Date/Time	Received by: Name: Signature: Company:		Means of Delivery:				Remarks:						
HWT Purchase Order Number		12/15/95													



Project No.		Project		ANALYSIS REQUIRED				COMMENTS	
Sample Number		Date	Time	Comp	Grab	Description of Location	No. of Cont.		
F19		12/14/95						STANDARD T/A	
F20-0	12/14/95	10:35			X	LOCATION 20 0-2 ft DEPTH	1	X	X
F20-4	12/14/95	10:40			X	LOCATION 20 4-6 ft DEPTH	1	X	X
F20-9	12/14/95	10:45			X	LOCATION 20 9-11 ft DEPTH	1		
F20-14	12/14/95	10:50			X	LOCATION 20 14-16 ft DEPTH	1		
F12-0	12/14/95	12:40			X	LOCATION 12 0-2 ft DEPTH	1		
F12-4	12/14/95	12:45			X	LOCATION 12 4-6 ft DEPTH	1		
F12-9	12/14/95	12:50			X	LOCATION 12 9-11 ft DEPTH	1		
F12-14	12/14/95	12:55			X	LOCATION 12 14-16 ft DEPTH	1		
F13-0	12/14/95	13:00			X	LOCATION 13 0-2 ft DEPTH	1		
Relinquished by:		Date/Time		Received by:				Means of Delivery:	
Name: ERIC MARLER		12/15/95		Name: Jane Dinges				PERSONAL DELIVERY	
Signature: <i>Eric Marler</i>		17:05		Signature: <i>Jane Dinges</i>				12-15-95 1735	
Company: HWT				Company: HazWaste Technologies					
Relinquished by:		Date/Time		Received by:				Means of Delivery:	
Name:				Name:					
Signature:				Signature:					
Company:				Company:					
HWT Purchase Order Number									

CHAIN OF CUSTODY RECORD

Project No. Project		Buckley ANG Base Fueling Area (Signature)				ANALYSIS REQUIRED				COMMENTS	
Samplers: (Name) ERIC MARLER ASVIN WARRAN		Date	Time	Comp	Grab	Description of Location	No. of Cont.	BTX	TVH	Volatile Organics	
F13-4	12/14/95	13:05			X	LOCATION 13 4-6 ft DEPTH	1				STANDARD T/A
F13-9	12/14/95	13:10			X	LOCATION 13 9-11 ft DEPTH	1				HOLD
F13-14	12/14/95	13:15			X	LOCATION 13 14-16 ft DEPTH	1				HOLD
F14-0	12/14/95	13:20			X	LOCATION 14 0-2 ft DEPTH	1				HOLD
F14-4	12/14/95	13:25			X	LOCATION 14 4-6 ft DEPTH	1				HOLD
F14-9	12/14/95	13:30			X	LOCATION 14 9-11 ft DEPTH	1				HOLD
F14-14	12/14/95	13:35			X	LOCATION 14 14-16 ft DEPTH	1				HOLD
F21-0	12/14/95	14:10			X	LOCATION 21 0-2 ft DEPTH	1				HOLD
F21-4	12/14/95	14:25			X	LOCATION 21 4-6 ft DEPTH	1				HOLD
F21-9	12/14/95	14:30			X	LOCATION 21 9-11 ft DEPTH	1				HOLD
Relinquished by: Name: ERIC MARLER Signature: <i>[Signature]</i> Company: HWT		Date/Time 17:05 12/15/95	Received by: Name: Jane Dinges Signature: <i>[Signature]</i> Company: Hazwaste Technologies				Means of Delivery: PERSONAL DELIVERY 12/15/95 1735		Remarks:		
Relinquished by: Name: Signature: Company:		Date/Time	Received by: Name: Signature: Company:				Means of Delivery:		Remarks:		
HWT Purchase Order Number 7950		9951215.01									

CHAIN OF CUSTODY RECORD

Project No.		Project		ANALYSIS REQUIRED										COMMENTS	
Sample Number		Date	Time	Comp	Grab	Description of Location	No. of Cont.	BTEX	TPH	VOLATILE ORGANICS					
Project Name: BUCKLEY ANG BASE FUELING AREA (Signature) Eric MARLEN ASUN WARRAN															
F21-N	12/4/95	14:35			X	LOCATION 21 14-16 FT DEPTH	1							STANDARD T/A	
951214-01	12/4/95	10:35			X	LOC 21 DECON BLANK	1	X	X	X				HOLD	
951214-02	12/4/95	10:35			X	LOC 21 DECON EQUIPMENT BLANK	1	X	X	X					
951214-03	12/4/95	14:25			X	DECON BLANK	1	X	X	X					
951214-10	12/4/95	14:50			X	INVESTIGATION DERIVED WASTE DRUM	1							HOLD	
B _G	12/4/95	07:45			X	BACKGROUND LOCATION 0-2 FT DEPTH	1	X	X	X					
THP BLANK					X		2	X	X	X					
Relinquished by: ERIC MARLEN Name: <i>[Signature]</i> Signature: Company: HWT							Date/Time 17:05 12/15/95			Received by: Name: Jane Dinges Signature: <i>[Signature]</i> Company: Hydrologic			Means of Delivery: PERSONAL DELIVERY 12-15-95 17:05		Remarks:
Relinquished by: Name: Signature: Company:							Date/Time			Received by: Name: Signature: Company:			Means of Delivery:		Remarks:
HWT Purchase Order Number 0951215-01															

APPENDIX H
RESULTS OF IDW ANALYSIS

HYDROLOGIC LABORATORIES, INC

Feb 20, 1996

Haz-waste Technologies Corp.
Mr. Eric Marler
2995 Center Green Court South
Boulder, CO 80301

Dear Mr. Marler,

Please find enclosed the report for 1 sample received at HydroLogic Laboratories, Inc. on 12 Feb 1996 for your project number, BUCKLEY ANG BASE. The report reference is L2519.

If you have any questions, please call (303) 659-0497.

Sincerely,



Bob Cathel
Project Manager

Sample Cross Reference Table

Company Name: Haz-waste Technologies Corp.

HydroLogic Login Number: L2519

HydroLogic Sample Number	Client Sample Identification	Sample Date/Time
L2519-1	IDW-960208	08 Feb 96 15:55

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
Project: BUCKLEY ANG BASE

HydroLogic Login Number: L2519

METHOD	COLLECTED	PREPARED	ANALYZED
SAMPLE NUMBER: L2519-1	CLIENT ID: IDW-960208	MATRIX: Soil	
SW-846, 8020	02/08/96 15:55	02/15/96	02/15/96 10:02

[illegible]

FINAL
RESULTS

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: IDW-960208
Project Number: BUCKLEY ANG BASE
Sample ID: L2519-1
Site / Project ID: Not Reported
Run ID: R3134
Collection Date: 08-FEB-96
Received Date: 12-FEB-96
Report Date: 16-FEB-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 5030/8020					
Preparation Date: 15-FEB-96					
Analysis Date: 15-FEB-96 10:02					
Workgroup Number: WG5686					
Benzene	71-43-2	1	ND	ug/Kg	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	1
Toluene	108-88-3	1	1.95	ug/Kg	1
(m,p)-Xylene	108-38-3	1	2.4	ug/Kg	2
o-Xylene	95-47-6	1	ND	ug/Kg	1
4-Bromofluorobenzene	SURROGATE	1	99	%	

Review By: Ty Garber

Report Approved By: Randy Greaves

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

QC

DATA

PACKAGE

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5640-1
Site / Project ID: Not Reported
Run ID: R3134
Collection Date: Not Reported
Received Date: 14-FEB-96
Report Date: 14-FEB-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 5030/8020					
Preparation Date: 13-FEB-96					
Analysis Date: 13-FEB-96 09:17					
Workgroup Number: WG5640					
Benzene	71-43-2	1	ND	ug/Kg	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	1
Toluene	108-88-3	1	ND	ug/Kg	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	2
o-Xylene	95-47-6	1	ND	ug/Kg	1
4-Bromofluorobenzene	SURROGATE	1	103	%	

Review By: Ty Garber

Report Approved By: Randy Greaves

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5686-1
Site / Project ID: Not Reported
Run ID: R3134
Collection Date: Not Reported
Received Date: 16-FEB-96
Report Date: 16-FEB-96

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 5030/8020					
Preparation Date: 15-FEB-96					
Analysis Date: 15-FEB-96 09:22					
Workgroup Number: WG5686					
Benzene	71-43-2	1	ND	ug/Kg	1
Ethylbenzene	100-41-4	1	ND	ug/Kg	1
Toluene	108-88-3	1	ND	ug/Kg	1
(m,p)-Xylene	108-38-3	1	ND	ug/Kg	2
o-Xylene	95-47-6	1	ND	ug/Kg	1
4-Bromofluorobenzene	SURROGATE	1	103	%	

Review By: Ty Garber

Report Approved By: Randy Greaves

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: WG5640-2
Run Id: R3134
GALP Record Id: Not Reported
Preparation Date: 13-FEB-96
Analysis Date: 13-FEB-96
Report Date: 14-FEB-96

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	LCS Add	LCSD Add	Units	LCS %REC	LCSD %REC	LCS/LCSD RPD	QUAL (1)
S1846 Method 5030/8020											
Preparation Date: 13-FEB-96											
Analysis Date: 13-FEB-96 08:36											
Workgroup Number: WG5640											
Benzene	71-43-2	66	142	21	20	20	ug/Kg	96	100	4	---
Ethylbenzene	100-41-4	55	150	25	20	20	ug/Kg	101	109	8	---
Toluene	108-88-3	59	139	21	20	20	ug/Kg	102	108	6	---
(m,p)-Xylene	108-38-3	55	150	25	40	40	ug/Kg	101	111	9	---
o-Xylene	95-47-6	55	150	25	20	20	ug/Kg	97	106	9	---

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
 "Limits"
 "LCS, SD Add"
 "LCS %REC"
 "LCSD %REC"
 "LCS/LCSD RPD"
 NR

* = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
 - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 - The conc. of analyte added to the LCS or LCSD sample.
 - Laboratory Control Sample Percent Recovery
 - Laboratory Control Sample Duplicate Percent Recovery
 - Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
 - Not Reported

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: WG5640-4
Run Id: R3134
GALP Record Id: Not Reported
Preparation Date: 13-FEB-96
Analysis Date: 13-FEB-96
Report Date: 14-FEB-96

Analyte	CAS No.	Low Limit	High Limit	RPD Limit	MS Add	MSD Add	Units	Sample Conc	MS %REC	MSD %REC	MS/MSD RPD	QUAL (1)
Benzene	71-43-2	66	142	21	20	20	ug/Kg	ND	97	106	9	---
Ethylbenzene	100-41-4	55	150	25	20	20	ug/Kg	ND	94	103	9	---
Toluene	108-88-3	59	139	21	20	20	ug/Kg	ND	97	107	10	---
(m,p)-Xylene	108-38-3	55	150	25	40	40	ug/Kg	ND	95	104	9	---
o-Xylene	95-47-6	55	150	25	20	20	ug/Kg	ND	89	98	10	---

SW846 Method 5030/8020
Preparation Date: 13-FEB-96
Analysis Date: 13-FEB-96 10:37
Workgroup Number: WG5640

Note:
Technical Review By: Ty Garber
Report Approved By: Randy Greaves

- (1) QUAL - * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits; ! = Value Within Control Limits
- (1) QUAL - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
- "Limits" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- "MS, MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
- "Sample Conc" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
- "MS %REC" - Matrix Spike Percent Recovery
- "MSD %REC" - Matrix Spike Duplicate Percent Recovery
- "MS/MSD RPD" - Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
- NR - Not Reported
- ND - Analyte "Not Detected" above the method detection limit.

APPENDIX I
RECORD OF TELEPHONE CALL WITH CDPHE

Telephone Call Record

Call initiated by:

**Asvin Waran
HazWaste Technologies® Corp.
2995 Center Green Court
Boulder, CO 80301**

Person Called:

**Peter Laux
Solid Waste Section
HMWMD-B2
Colorado Dept. of Public Health &
Environment,
4300 Cherry Creek Dr. South
Denver, CO 80222-1530
(303)692-3455 (voice)**

Subject: Cleanup Standards Applicable to JP-4 Spills at Buckley ANG Base

Date: December 21, 1995

The purpose of the call was to determine the cleanup standards applicable to two sites where JP-4 had been spilled at Buckley ANG Base, namely the Fueling Area where 1600 gallons had been spilled while loading a tanker truck, and the F-16 Crash Site where 1500 gallons of JP-4 had been spilled when an F-16 crashed during takeoff.

Topics of Conversation:

1. Please specify the regulatory standard that applies for cleanup of these sites?

There is no specific regulatory standard for petroleum products. Cleanup standards generally follow Storage Tank Owner/Operator Guidance documents for Second-Level Site assessment, Use of State Cleanup Guidelines and Management of Contaminated Materials.

2. What Remedial Action Category (RAC) applies to cleanup of these sites?

RAC III, with cleanup requirements of 100 mg/kg total BTEX and 500 mg/kg TVPH applies these sites based on the following:

1. If no wells are used to supply drinking water at Buckley ANG Base and none are foreseen for the future.
2. The groundwater table is quite low.

3. Do we submit the Site Assessment work plan and report to the Solid Waste Section?

Yes. The work plan and the Site Assessment Report may be submitted together. After approval of the recommendations for cleanup, the cleanup may be implemented. Documentation of the cleanup should then be sent to the Solid Waste Section.

Telephone Call Record

Call initiated by:

**Asvin Waran
HazWaste Technologies® Corp.
2995 Center Green Court
Boulder, CO 80301**

Person Called:

**Peter Laux
Solid Waste Section
HMWMD-B2
Colorado Dept. of Public Health &
Environment,
4300 Cherry Creek Dr. South
Denver, CO 80222-1530
(303)692-3455 (voice)**

**Subject: Site Assessments for Fueling Area and F-16 Crash Site at Buckley ANG Base
Date: January 29, 1996**

Topics of Conversation:

1. Piezometers and Monitoring Wells

A. Waran clarified that piezometers and monitoring wells would be installed only in the event depth to groundwater was found to be shallow. He stated that the original information used for preparing the work plan for the Fueling Area had been erroneous in stating that groundwater depth was at ~15'. Data from the State Engineer's Office shows that groundwater depth is between 40' and 60'. This was the reason that no groundwater was encountered during field work. Since the depth to groundwater is quite high, no piezometers or monitoring wells would be installed. P. Laux confirmed that he had understood that no piezometers or monitoring wells would be installed in both site assessment areas unless groundwater depths were shallow¹, or there is impact or grave threat of impact on groundwater.

2. Laboratory Analysis to be performed on core samples to be taken at the F-16 Crash Site.

A. Waran stated that an errata page would be issued for the work plan for the F-16 Crash Site to delete the Volatile Organics Analysis (Method 8240). He stated that samples from the Fueling Area had been tested for Volatile Organics and none had been detected. He also stated that Method 418.1 would be used to detect for hydraulic oil since this would not be detected by Method 8020. P. Laux suggested that Method 418.1 be used on selected samples in addition to Methods 8015 (for TPH) and 8020 (for BTEX), in areas where oil and grease are suspected to be present. He also cautioned that Total BTEX levels should be less than 20 mg/kg in soil outside the suspect contaminated areas. To determine whether the soil may have RCRA levels of Benzene, he stated that Benzene levels should be below 10 mg/kg in the contaminated soil.

Note1: Peter Laux defined "shallow" in a conversation on Aug. 8, 1996, as approximately 15' depending on the geology of the area assuming that no gravel is present.

APPENDIX J
CHRIS PAGES FOR JP-4

JPF	JET FUELS: JP-4
-----	-----------------

12.17 SATURATED LIQUID DENSITY		12.18 LIQUID HEAT CAPACITY		12.19 LIQUID THERMAL CONDUCTIVITY		12.20 LIQUID VISCOSITY	
Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal unit per pound-F	Temperature (degrees F)	British thermal unit-inch per hour- square foot-F	Temperature (degrees F)	Centipoise
34	51.740	0	.444	0	.926	-35	2.106
36	51.670	10	.449	10	.924	-30	1.994
38	51.600	20	.454	20	.921	-25	1.890
40	51.530	30	.459	30	.919	-20	1.794
42	51.460	40	.464	40	.917	-15	1.705
44	51.390	50	.469	50	.915	-10	1.622
46	51.320	60	.474	60	.913	-5	1.544
48	51.260	70	.479	70	.911	0	1.472
50	51.190	80	.484	80	.909	5	1.405
52	51.120	90	.489	90	.907	10	1.342
54	51.050	100	.494	100	.905	15	1.283
56	50.980	110	.499	110	.903	20	1.228
58	50.910	120	.504	120	.901	25	1.176
60	50.840	130	.509	130	.899	30	1.128
62	50.770	140	.514	140	.897	35	1.082
64	50.700	150	.519	150	.895	40	1.039
66	50.630	160	.524	160	.893	45	.999
68	50.560	170	.529	170	.891	50	.961
70	50.490	180	.534	180	.889	55	.925
72	50.420	190	.539	190	.887	60	.891
74	50.350	200	.544	200	.885	65	.859
76	50.280	210	.549	210	.883	70	.829
78	50.220					75	.800
80	50.150						
82	50.080						
84	50.010						

12.21 SOLUBILITY IN WATER		12.22 SATURATED VAPOR PRESSURE		12.23 SATURATED VAPOR DENSITY		12.24 IDEAL GAS HEAT CAPACITY	
Temperature (degrees F)	Pounds per 100 pounds of water	Temperature (degrees F)	Pounds per square inch	Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal unit per pound-F
	I	0	.319		N		D
	N	10	.411		O		A
	S	20	.525		T		T
	O	30	.663				A
	L	40	.829		P		
	U	50	1.028		E		N
	B	60	1.264		R		O
	L	70	1.542		T		T
	E	80	1.868		I		
		90	2.246		N		A
		100	2.684		E		V
		110	3.187		N		A
		120	3.762		T		I
		130	4.416				L
		140	5.155				A
		150	5.988				B
		160	6.922				L
		170	7.965				E
		180	9.125				
		190	10.410				
		200	11.830				
		210	13.390				